

# The right solution for your requirement

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DERZMANN provide full range of industrial speed sensors and control modules. These sensors provide solutions for speed sensing and control applications. We offer more than 50 types of sensors modules allows straight forward signal detection, monitoring and conditioning.

Sensors are available with Hall and VR technologies with cable or connector interfaces. Sizes range from 3/8-24 and M10X1 to 3/4-16 and M16X1.5. Sensor capability ranges from zero speed to high frequency detection and all units have sealed sensing areas to prevent liquid intrusion. Also available are direction sensing units and hazardous location versions for both North America (NEC, CEC) and Europe (ATEX).

DERZMANN sensors can be used to provide either a complete measurement chain solution or individual speed sensing products as needed. Technical product overviews follow in this brochure.

#### **VR Electromagnetic Speed Sensors**

- Temperature rating: -40...125°C
- Signal output: Frequency and amplitude proportional to speed
- Frequency range: up to 20 kHz
- Electrical: Sine wave output, 850 Ohm, 135 mH
- Module / DP Range: M: 0.5 or larger / DP: 50 or coarser

E12A Threaded M12x1 cable, silicone, 1m Overall length: 60 mm Thread length: 40 mm   E12S Threaded M12x1 cable, silicone, 1m Overall length: 60 mm   stainless steel IP67  0.34 mm², AWG 22 Thread length: 50 mm   E16A Threaded M16x1.5	Туре	Housing	Connection	Mechanical
E12S Threaded M12x1 Cable, silicone, 1m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm stainless steel IP67 4 pin, sealed Thread length: 60 mm stainless steel IP67 4 pin, sealed Thread length: 40 mm stainless steel IP67 4 pin, sealed Thread length: 40 mm stainless steel IP67 4 pin, sealed Thread length: 40 mm length: 5 connector, M12x1, Overall length: 84 mm length: 61 mm stainless steel IP67 4 pin, sealed Thread length: 122 mm length: 123 mm length: 123 mm length: 124 mm length: 125 mm length: 126 mm lengt	E12A	Threaded M12x1	Connector, M12x1,	Overall length: 60 mm
Stainless steel IP67		stainless steel IP67	4 pin, sealed	Thread length: 40 mm
E16A         Threaded M16x1.5 stainless steel IP67         Connector, M12x1, 4 pin, sealed         Overall length: 60 mm           E16A25         Threaded M16x1.5 stainless steel IP67         4 pin, sealed         Thread length: 84 mm           E16A40         Threaded M16x1.5 stainless steel IP67         4 pin, sealed         Thread length: 102 mm           E16AM         Threaded M16x1.5 stainless steel IP67         4 pin, sealed         Thread length: 102 mm           E16AM         Threaded M16x1.5 stainless steel IP67         3102A-10SL-4P, 2 pin         Thread length: 33 mm           E16AM25         Threaded M16x1.5 stainless steel IP67         3102A-10SL-4P, 2 pin         Thread length: 92 mm           E16AM40         Threaded M16x1.5 stainless steel IP67         3102A-10SL-4P, 2 pin         Thread length: 92 mm           E16AM40         Threaded M16x1.5 stainless steel IP67         3102A-10SL-4P, 2 pin         Thread length: 98 mm           E16S         Threaded M16x1.5 stainless steel IP67         3102A-10SL-4P, 2 pin         Thread length: 98 mm           E16S         Threaded M16x1.5 stainless steel IP67         Connector, MS         Overall length: 98 mm           E16S         Threaded M16x1.5 stainless steel IP67         Cable, silicone, 1 m         Overall length: 50 mm           E16S25         Threaded M16x1.5 stainless steel IP67         Cable, silicone, 1 m         Overall len	E12S			
stainless steel IP67 4 pin, sealed Thread length: 40 mm Threaded M16x1.5 Connector, M12x1, Overall length: 64 mm E16A40 Threaded M16x1.5 Connector, M12x1, Overall length: 64 mm E16A40 Threaded M16x1.5 Connector, M12x1, Overall length: 122 mm stainless steel IP67 4 pin, sealed Thread length: 102 mm E16AM Threaded M16x1.5 Connector, MS Overall length: 33 mm E16AM25 Threaded M16x1.5 Connector, MS Overall length: 33 mm E16AM25 Threaded M16x1.5 Connector, MS Overall length: 92 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm E16AM40 Threaded M16x1.5 Connector, MS Overall length: 102 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm E16S Threaded M16x1.5 Cable, silicone, 1 m Overall length: 98 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm E16S25 Threaded M16x1.5 Cable, silicone, 1 m Overall length: 64 mm E16S40 Threaded M16x1.5 Cable, silicone, 1 m Overall length: 64 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm E16S40 Threaded M16x1.5 Cable, silicone, 1 m Overall length: 64 mm E16S40 Threaded M16x1.5 Cable, silicone, 1 m Overall length: 64 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 102 mm E16S40 Threaded M16x1.5 Cable, silicone, 1 m Overall length: 64 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Threaded M16x1.5 Cable, silicone, 1 m Overall length: 40 mm E16S40 Threaded 3/8" - 24 UNF Onnector, M12x1, Overall length: 34 mm Threaded M16x1.5 Cable, silicone, 1 m Overall length: 40 mm E16S40 Threaded 5/8" - 18 UNF Connector, M12x1, Overall length: 40 mm E16S40 Threaded 5/8" - 18 UNF Connector, M12x1, Overall length: 64 mm E16S40 Threaded 5/8" - 18 UNF Connector, M12x1, Overall length: 64 mm E16S40 Threaded 5/8" - 18 UNF Connector, M12x1, Overall length: 64 mm E16S40 Threaded 5/8" - 18 UNF Connector, M2x1, Overall length: 92 mm E16S40 Threaded 5/8" - 18 UNF Connector, M5 Overall length: 92 mm E16S40 Threaded 5/8" - 18 UNF Connector, M5 Overall length: 92 mm E16S4		stainless steel IP67	0.34 mm <sup>2</sup> , AWG 22	
E16A25         Threaded M16x1.5 stainless steel IP67         Connector, M12x1, 4 pin, sealed         Overall length: 84 mm           E16A40         Threaded M16x1.5 connector, M12x1, stainless steel IP67         4 pin, sealed         Thread length: 122 mm           E16AM         Threaded M16x1.5 connector, MS         Overall length: 31 mm           E16AM25         Threaded M16x1.5 connector, MS         Overall length: 33 mm           E16AM26         Threaded M16x1.5 connector, MS         Overall length: 92 mm           E16AM40         Threaded M16x1.5 connector, MS         Overall length: 92 mm           E16A M40         Threaded M16x1.5 connector, MS         Overall length: 92 mm           E16S         Threaded M16x1.5 connector, MS         Overall length: 64 mm           E16S         Threaded M16x1.5 connector, MS         Overall length: 130 mm           E16S         Threaded M16x1.5 connector, MS         Overall length: 130 mm           E16S25         Threaded M16x1.5 connector, MS         Overall length: 130 mm           E16S40         Threaded M16x1.5 connector, MS         Overall length: 50 mm           E16S40         Threaded M16x1.5 connector, MS         Overall length: 83 mm           E16S40         Threaded M16x1.5 connector, M12x1, overall length: 121 mm         Overall length: 121 mm           E16S40         Threaded M16x1.5 connector, M12x1, ove	E16A			The state of the s
Stainless steel IP67		stainless steel IP67		
E16A40         Threaded M16x1.5 stainless steel IP67         Connector, M12x1, 4 pin, sealed         Overall length: 122 mm           E16AM         Threaded M16x1.5 connector, MS stainless steel IP67         3102A-10SL-4P, 2 pin         Thread length: 61 mm           E16AM25         Threaded M16x1.5 connector, MS stainless steel IP67         3102A-10SL-4P, 2 pin         Thread length: 64 mm           E16AM40         Threaded M16x1.5 connector, MS stainless steel IP67         3102A-10SL-4P, 2 pin         Thread length: 64 mm           E16S         Threaded M16x1.5 cable, silicone, 1 m stainless steel IP67         0.34 mm², AWG 22         Thread length: 50 mm           E16S25         Threaded M16x1.5 cable, silicone, 1 m stainless steel IP67         0.34 mm², AWG 22         Thread length: 50 mm           E16S40         Threaded M16x1.5 cable, silicone, 1 m stainless steel IP67         0.34 mm², AWG 22         Thread length: 121 mm           E38A         Threaded 3/8*-24 UNF stainless steel IP67         0.34 mm², AWG 22         Thread length: 121 mm           E38S         Threaded 3/8*-24 UNF stainless steel IP67         0.34 mm², AWG 22         Thread length: 34 mm           E38A         Threaded 5/8*-18 UNF connector, M12x1, overall length: 34 mm         Overall length: 34 mm           E58A         Threaded 5/8*-18 UNF connector, M12x1, overall length: 40 mm         Overall length: 34 mm           E58AA0         Threaded 5/8*-	E16A25	<ul> <li>10.0 (10.0 kg)</li> <li>10.0 (10.0 kg)<td></td><td></td></li></ul>		
Stainless steel IP67		stainless steel IP67		Thread length: 64 mm
E16AM Threaded M16x1.5 stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm E16AM25 Threaded M16x1.5 Connector, MS Overall length: 92 mm E16AM40 Threaded M16x1.5 Connector, MS Overall length: 92 mm E16AM40 Threaded M16x1.5 Connector, MS Overall length: 130 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm E16S Threaded M16x1.5 Cable, silicone, 1 m Overall length: 69 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm E16S40 Threaded M16x1.5 Cable, silicone, 1 m Overall length: 83 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 121 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 121 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 121 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 124 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 124 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 148 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 148 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 40 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 54 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 40 mm Stainless steel IP67 4 pin, sealed Thread length: 40 mm Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 64 mm Stainless steel IP67 4 pin, sealed Thread length: 64 mm Threaded 5/8"- 18 UNF Connector, MS Overall length: 61 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 121 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 69 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 69 mm Stainless st	E16A40	Threaded M16x1.5	Connector, M12x1,	Overall length: 122 mm
Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 92 mm Inreadled M16x1.5 Connector, MS Overall length: 92 mm Inreadled M16x1.5 Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm Inreadled M16x1.5 Cable, silicone, 1 m Overall length: 69 mm Overall length: 69 mm Inreadled M16x1.5 Cable, silicone, 1 m Overall length: 69 mm Overall length: 64 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 64 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 64 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 102 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 102 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 102 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 102 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 102 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 102 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 48 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 48 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 40 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 40 mm Stainless steel IP67 O.34 mm², AWG 22 Inread length: 40 mm Stainless steel IP67 Onnector, M12x1, Overall length: 40 mm Stainless steel IP67 Onnector, M12x1, Overall length: 64 mm Stainless steel IP67 Onnector, M12x1, Overall length: 64 mm Stainless steel IP67 Onnector, M12x1, Overall length: 121 mm Stainless steel IP67 Onnector, MS Overall length: 122 mm Stainless steel IP67 Onnector, MS Overall length: 30 mm Stainless steel IP67 Onnector, MS Overall length: 130 mm Stainless steel IP67 Onnector, MS Overall length: 130 mm Stainless steel IP67 Onnector, MS Overall length: 130 mm Stainless steel IP67 Onnector, MS Overall length: 130 mm Stainless steel IP67 Onnector, MS Overall length: 130 mm Stainless steel IP67 Onnector, MS Overall length: 130 mm Stainless steel IP67 Onnector, MS Overall length: 130 mm Stainless steel IP67 Onnector, MS Overall length: 130 m		stainless steel IP67	4 pin, sealed	Thread length: 102 mm
E16AM25 Threaded M16x1.5 stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm E16AM40 Threaded M16x1.5 Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 121 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 121 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 122 mm stainless steel IP67 4 pin, sealed Thread length: 34 mm Overall length: 34 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Overall length: 34 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Overall length: 34 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 40 mm Stainless steel IP67 4 pin, sealed Thread length: 40 mm Stainless steel IP67 4 pin, sealed Thread length: 40 mm Stainless steel IP67 4 pin, sealed Thread length: 121 mm Stainless steel IP67 4 pin, sealed Thread length: 121 mm Stainless steel IP67 4 pin, sealed Thread length: 121 mm Stainless steel IP67 4 pin, sealed Thread length: 121 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 120 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 100 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 100 mm Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 100 mm Stainless steel IP6	E16AM	Threaded M16x1.5	Connector, MS	Overall length: 61 mm
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Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm Threaded M16x1.5 Cable, silicone, 1 m Overall length: 50 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 121 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 121 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 120 mm Stainless steel IP67 4 pin, sealed Thread length: 34 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Stainless steel IP67 0.34 mm², AWG 22 Thread length: 40 mm Stainless steel IP67 4 pin, sealed Thread length: 40 mm Stainless steel IP67 4 pin, sealed Thread length: 40 mm Stainless steel IP67 4 pin, sealed Thread length: 60 mm Stainless steel IP67 4 pin, sealed Thread length: 121 mm Stainless steel IP67 4 pin, sealed Thread length: 121 mm Stainless steel IP67 4 pin, sealed Thread length: 121 mm Stainless steel IP67 4 pin, sealed Thread length: 121 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 92 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 92 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 13102A-10SL-4P, 2 pin Thread length: 130 mm Stainless steel IP67 13102A-10SL-4	E16AM40	Threaded M16x1.5	Connector, MS	Overall length: 130 mm
E16S Threaded M16x1.5 Cable, silicone, 1 m overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm cstainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 121 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 122 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 102 mm stainless steel IP67 4 pin, sealed 1 hread length: 34 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 54 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 60 mm stainless steel IP67 4 pin, sealed Thread length: 40 mm stainless steel IP67 4 pin, sealed Thread length: 40 mm stainless steel IP67 4 pin, sealed Thread length: 64 mm stainless steel IP67 4 pin, sealed Thread length: 64 mm stainless steel IP67 4 pin, sealed Thread length: 61 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 61 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-	The state of the s		The second secon	The state of the s
Stainless steel IP67  Threaded M16x1.5  Threaded M16x1.5  Threaded M16x1.5  Threaded M16x1.5  Cable, silicone, 1 m  Stainless steel IP67  O.34 mm², AWG 22  Thread length: 64 mm  E16S40  Threaded M16x1.5  Cable, silicone, 1 m  Stainless steel IP67  O.34 mm², AWG 22  Thread length: 121 mm  Stainless steel IP67  O.34 mm², AWG 22  Thread length: 102 mm  E38A  Threaded 3/8"-24 UNF  Cable, silicone, 1 m  Overall length: 121 mm  Threaded 3/8"-24 UNF  Cable, silicone, 1 m  Overall length: 48 mm  Thread length: 34 mm  E38S  Threaded 3/8"-24 UNF  Cable, silicone, 1 m  Overall length: 54 mm  Stainless steel IP67  O.34 mm², AWG 22  Thread length: 48 mm  Thread length: 54 mm  Stainless steel IP67  O.34 mm², AWG 22  Thread length: 54 mm  Thread length: 54 mm  Stainless steel IP67  4 pin, sealed  Thread length: 40 mm  E58A25  Threaded 5/8"- 18 UNF  Connector, M12x1,  Overall length: 60 mm  Stainless steel IP67  4 pin, sealed  Thread length: 40 mm  E58A40  Threaded 5/8"- 18 UNF  Connector, M12x1,  Overall length: 64 mm  E58AM  Threaded 5/8"- 18 UNF  Connector, MS  Overall length: 102 mm  E58AM  Threaded 5/8"- 18 UNF  Connector, MS  Overall length: 61 mm  Stainless steel IP67  3102A-10SL-4P, 2 pin  Thread length: 130 mm  Stainless steel IP67  3102A-10SL-4P, 2 pin  Thread length: 130 mm  Stainless steel IP67  3102A-10SL-4P, 2 pin  Thread length: 130 mm  Threaded 5/8"- 18 UNF  Connector, MS  Overall length: 130 mm  Threaded 5/8"- 18 UNF  Connector, MS  Overall length: 130 mm  Threaded 5/8"- 18 UNF  Connector, MS  Overall length: 130 mm  Threaded 5/8"- 18 UNF  Connector, MS  Overall length: 130 mm  Threaded 5/8"- 18 UNF  Connector, MS  Overall length: 69 mm  Threaded 5/8"- 18 UNF  Connector, MS  Overall length: 69 mm  Threaded 5/8"- 18 UNF  Connector, MS  Overall length: 69 mm  Threaded 5/8"- 18 UNF  Connector, MS  Overall length: 100 mm  Thread length: 100 mm  Connector, MS  Overall length: 100 mm  Threaded 5/8"- 18 UNF  Connector, MS  Overall length: 100 mm  Connector, MS  Overall length: 100 mm  Connector, MS  Overall length: 1	E16S	Threaded M16x1.5		
E16S25 Threaded M16x1.5 Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm E16S40 Threaded M16x1.5 Cable, silicone, 1 m Overall length: 121 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 102 mm E38A Threaded 3/8" - 24 UNF Connector, M12x1, Overall length: 48 mm stainless steel IP67 4 pin, sealed Thread length: 34 mm E38S Threaded 3/8" - 24 UNF Cable, silicone, 1 m Overall length: 54 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm E58A Threaded 5/8" - 18 UNF Connector, M12x1, Overall length: 60 mm stainless steel IP67 4 pin, sealed Thread length: 40 mm E58A25 Threaded 5/8" - 18 UNF Connector, M12x1, Overall length: 64 mm E58A40 Threaded 5/8" - 18 UNF Connector, M12x1, Overall length: 64 mm E58AM Threaded 5/8" - 18 UNF Connector, M12x1, Overall length: 64 mm E58AM Threaded 5/8" - 18 UNF Connector, M12x1, Overall length: 61 mm stainless steel IP67 4 pin, sealed Thread length: 121 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm E58AM25 Threaded 5/8" - 18 UNF Connector, MS Overall length: 92 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 92 mm E58AM40 Threaded 5/8" - 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm E58S Threaded 5/8" - 18 UNF Connector, MS Overall length: 102 mm E58S Threaded 5/8" - 18 UNF Cable, silicone, 1 m Overall length: 50 mm E58S25 Threaded 5/8" - 18 UNF Cable, silicone, 1 m Overall length: 50 mm E58S25 Threaded 5/8" - 18 UNF Cable, silicone, 1 m Overall length: 50 mm		stainless steel IP67		
stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm  E16S40 Threaded M16x1.5 Cable, silicone, 1 m Overall length: 121 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 102 mm  E38A Threaded 3/8"- 24 UNF Connector, M12x1, Overall length: 48 mm stainless steel IP67 4 pin, sealed Thread length: 34 mm  E38S Threaded 3/8"- 24 UNF Cable, silicone, 1m Overall length: 54 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm  E58A Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 60 mm stainless steel IP67 4 pin, sealed Thread length: 40 mm  E58A25 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 64 mm stainless steel IP67 4 pin, sealed Thread length: 64 mm  E58A40 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 121 mm stainless steel IP67 4 pin, sealed Thread length: 121 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 92 mm  E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 92 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Connector, MS Overall length: 102 mm  E58S Threaded 5/8"- 18 UNF Connector, MS Overall length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 50 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 50 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 50 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 50 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 64 mm	E16S25	Threaded M16x1.5		The state of the s
E16S40 Threaded M16x1.5 Cable, silicone, 1 m Overall length: 121 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 102 mm  E38A Threaded 3/8"- 24 UNF Connector, M12x1, Overall length: 48 mm stainless steel IP67 4 pin, sealed Thread length: 34 mm  E38S Threaded 3/8"- 24 UNF Cable, silicone, 1m Overall length: 54 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm  E58A Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 60 mm stainless steel IP67 4 pin, sealed Thread length: 40 mm  E58A25 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 84 mm stainless steel IP67 4 pin, sealed Thread length: 64 mm  E58A40 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 64 mm  E58AM Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 121 mm stainless steel IP67 4 pin, sealed Thread length: 102 mm  E58AM Threaded 5/8"- 18 UNF Connector, MS Overall length: 61 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm			The second secon	The second secon
E38A Threaded 3/8"- 24 UNF Connector, M12x1, Overall length: 34 mm stainless steel IP67 4 pin, sealed Thread length: 54 mm tainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Overall length: 54 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm tainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm Stainless steel IP67 4 pin, sealed Thread length: 60 mm tainless steel IP67 4 pin, sealed Thread length: 40 mm tainless steel IP67 4 pin, sealed Thread length: 84 mm tainless steel IP67 4 pin, sealed Thread length: 64 mm tainless steel IP67 4 pin, sealed Thread length: 64 mm tainless steel IP67 4 pin, sealed Thread length: 121 mm tainless steel IP67 4 pin, sealed Thread length: 102 mm tainless steel IP67 4 pin, sealed Thread length: 102 mm tainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm tainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm tainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm tainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm tainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm tainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm tainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm tainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm tainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm tainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 50 mm tainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm tainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm tainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	E16S40			The second secon
E38A Threaded 3/8"- 24 UNF Connector, M12x1, Overall length: 48 mm stainless steel IP67		stainless steel IP67		
Stainless steel IP67 4 pin, sealed Thread length: 34 mm  E38S Threaded 3/8"- 24 UNF Cable, silicone, 1m Overall length: 54 mm  stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm  E58A Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 60 mm  stainless steel IP67 4 pin, sealed Thread length: 40 mm  E58A25 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 64 mm  E58A40 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 64 mm  E58A40 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 121 mm  stainless steel IP67 4 pin, sealed Thread length: 102 mm  E58AM Threaded 5/8"- 18 UNF Connector, MS Overall length: 61 mm  stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 92 mm  stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm  stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Connector, MS Overall length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1m Overall length: 50 mm  E58S25 Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm  stainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm  Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm  Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm  Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm  Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 84 mm	F38A	Threaded 3/8"- 24 UNF		
E38S Threaded 3/8" - 24 UNF cable, silicone, 1m overall length: 54 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm  E58A Threaded 5/8" - 18 UNF Connector, M12x1, overall length: 60 mm stainless steel IP67 4 pin, sealed Thread length: 40 mm  E58A25 Threaded 5/8" - 18 UNF Connector, M12x1, overall length: 84 mm stainless steel IP67 4 pin, sealed Thread length: 64 mm  E58A40 Threaded 5/8" - 18 UNF Connector, M12x1, overall length: 121 mm stainless steel IP67 4 pin, sealed Thread length: 102 mm  E58AM Threaded 5/8" - 18 UNF Connector, MS Overall length: 61 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8" - 18 UNF Connector, MS Overall length: 92 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8" - 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8" - 18 UNF Connector, MS Overall length: 102 mm  E58S Threaded 5/8" - 18 UNF Cable, silicone, 1m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm		AND AND ADDRESS OF THE PARTY OF		
stainless steel IP67 0.34 mm², AWG 22 Thread length: 34 mm  E58A Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 60 mm  stainless steel IP67 4 pin, sealed Thread length: 40 mm  E58A25 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 84 mm  stainless steel IP67 4 pin, sealed Thread length: 64 mm  E58A40 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 121 mm  stainless steel IP67 4 pin, sealed Thread length: 102 mm  E58AM Threaded 5/8"- 18 UNF Connector, MS Overall length: 61 mm  stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 92 mm  stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm  stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm  Stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 69 mm  stainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm  E58S25 Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm  stainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm  stainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm	F38S			
E58A Threaded 5/8" - 18 UNF Stainless steel IP67 4 pin, sealed Thread length: 40 mm  E58A25 Threaded 5/8" - 18 UNF Connector, M12x1, Overall length: 84 mm stainless steel IP67 4 pin, sealed Thread length: 64 mm  E58A40 Threaded 5/8" - 18 UNF Connector, M12x1, Overall length: 121 mm stainless steel IP67 4 pin, sealed Thread length: 102 mm  E58AM Threaded 5/8" - 18 UNF Connector, MS Overall length: 61 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8" - 18 UNF Connector, MS Overall length: 92 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8" - 18 UNF Connector, MS Overall length: 64 mm  E58AM40 Threaded 5/8" - 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8" - 18 UNF Cable, silicone, 1 m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	2300			
Stainless steel IP67 4 pin, sealed Thread length: 40 mm  E58A25 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 84 mm  stainless steel IP67 4 pin, sealed Thread length: 64 mm  E58A40 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 121 mm  stainless steel IP67 4 pin, sealed Thread length: 102 mm  E58AM Threaded 5/8"- 18 UNF Connector, MS Overall length: 61 mm  stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 92 mm  stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm  stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1m Overall length: 69 mm  stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm  E58S25 Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm  stainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm  Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm  Threaded 5/8"- 18 UNF Cable, silicone, 1 m Thread length: 64 mm	F58A			
E58A25 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 84 mm  E58A40 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 64 mm  E58AM Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 121 mm  E58AM Threaded 5/8"- 18 UNF Connector, MS Overall length: 61 mm  stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 92 mm  stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm  stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1m Overall length: 69 mm  stainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm  Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm  stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	2507			
stainless steel IP67 4 pin, sealed Thread length: 64 mm  E58A40 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 121 mm stainless steel IP67 4 pin, sealed Thread length: 102 mm  E58AM Threaded 5/8"- 18 UNF Connector, MS Overall length: 61 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 92 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	F58A25			
E58A40 Threaded 5/8"- 18 UNF Connector, M12x1, Overall length: 121 mm stainless steel IP67 4 pin, sealed Thread length: 102 mm  E58AM Threaded 5/8"- 18 UNF Connector, MS Overall length: 61 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 92 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	230/123			
stainless steel IP67 4 pin, sealed Thread length: 102 mm  E58AM Threaded 5/8"- 18 UNF Connector, MS Overall length: 61 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 92 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm  E58S25 Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	F58Δ40			
E58AM Threaded 5/8"- 18 UNF Connector, MS Overall length: 61 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 92 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm  E58S25 Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	LJONTO			
stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 33 mm  E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 92 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm  E58S25 Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	E58AM			100
E58AM25 Threaded 5/8"- 18 UNF Connector, MS Overall length: 92 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm  E58S25 Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	LJONIVI			
stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 64 mm  E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm  E58S25 Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	F58AM25			
E58AM40 Threaded 5/8"- 18 UNF Connector, MS Overall length: 130 mm stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm  E58S25 Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	LJONIVIZJ			
stainless steel IP67 3102A-10SL-4P, 2 pin Thread length: 102 mm  E58S Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm  E58S25 Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	EEOANAAO			
E58S Threaded 5/8"- 18 UNF Cable, silicone, 1m Overall length: 69 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm  E58S25 Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	EJOAIVI40			
stainless steel IP67 0.34 mm², AWG 22 Thread length: 50 mm  E58S25 Threaded 5/8" - 18 UNF Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	FEOC			
E58S25 Threaded 5/8"- 18 UNF Cable, silicone, 1 m Overall length: 83 mm stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	E363			
stainless steel IP67 0.34 mm², AWG 22 Thread length: 64 mm	FEOCOE			
	E38525			
	FF0C40			
E58S40 Threaded 5/8" - 18 UNF Cable, silicone, 1 m Overall length: 121 mm	E58540			
stainless steel IP67 0.34 mm², AWG 22 Thread length: 102 mm		stainless steel IP67	0.34 mm², AWG 22	inread length: 102 mm









## Digital Electromagnetic Speed Sensors

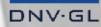
- Temperature rating: -40...125°C
- Signal output: Frequency proportional to speed
- Frequency range: up to 20 kHz
  Supply Voltage: 5...32 VDC Electrical: Square wave, NPN with 2.2 kOhm pull up
- Module / DP Range: M: 0.5 or larger / DP: 50 or coarser

Туре	Housing	Connection	Mechanical
DV58AM	Threaded 5/8"- 18 UNF stainless steel IP67	Connector, MS 3102A-10SL-3P, 3 pin	Overall length: 61 mm Thread length: 33 mm
DV58AM25	Threaded 5/8"- 18 UNF stainless steel IP67	Connector, MS 3102A-10SL-3P, 3 pin	Overall length: 92 mm Thread length: 64 mm
DV58AM30	Threaded 5/8"- 18 UNF	Connector, MS	Overall length: 105 mm
	stainless steel IP67	3102A-10SL-3P, 3 pin	Thread length: 77 mm
DV58AM40	Threaded 5/8"- 18 UNF	Connector, MS	Overall length: 130 mm
	stainless steel IP67	3102A-10SL-3P, 3 pin	Thread length: 102 mm
DV58S	Threaded 5/8"- 18 UNF	Cable, silicone, 1m	Overall length: 69 mm
	stainless steel IP67	0.34 mm², AWG 22	Thread length: 50 mm
DV58S25	Threaded 5/8"- 18 UNF	Cable, silicone, 1 m	Overall length: 83 mm
	stainless steel IP67	0.34 mm², AWG 22	Thread length: 64 mm
DV58S40	Threaded 5/8"- 18 UNF	Cable, silicone, 1 m	Overall length: 121 mm
	stainless steel IP67	0.34 mm², AWG 22	Thread length: 102 mm









## VR Electromagnetic Speed Sensors - EX ATEX Zone 1/ EX NA Class 1 Div 1

- Temperature rating: -40...125°C
- Signal output: Frequency and amplitude proportional to speed
- Frequency range: up to 20 kHz
- Electrical: Sine wave output, 250 Ohm, 70 mH coil
- Module / DP Range: M: 1.0 or larger / DP: 25 or coarser CERTIFIED FOR USE IN EXPLOSIVE ATMOSPHERES

Туре	Housing	Connection	Mechanical
DX58H	Threaded 5/8"- 18 UNF	½ - 14 NPT	Overall length: 88 mm
	stainless steel IP67	Cable PTFE, 3 m	Thread length: 48 mm
DX58H35	Threaded 5/8"- 18 UNF	½ - 14 NPT	Overall length: 129 mm
	stainless steel IP67	Cable PTFE, 3 m	Thread length: 89 mm
DX58H85	Threaded 5/8"- 18 UNF	½ - 14 NPT	Overall length: 256 mm
	stainless steel IP67	Cable PTFE, 3 m	Thread length: 216 mm
DX34H	Threaded 3/4"- 20 UNF	½ - 14 NPT	Overall length: 88 mm
	stainless steel IP67	Cable PTFE, 3 m	Thread length: 48 mm
DX34H35	Threaded 3/4"- 20 UNF	½ - 14 NPT	Overall length: 120 mm
	stainless steel IP67	Cable PTFE, 3 m	Thread length: 89 mm

## VR Electromagnetic Speed Sensors

- Temperature rating: -40...200°C
- Signal output: Frequency and amplitude proportional to speed
- Frequency range: up to 20 kHz
- Electrical: Sine wave output, 850 Ohm, 135 mH
- Module / DP Range: M: 0.5 or larger / DP: 50 or coarser

Туре	Housing	Connection	Mechanical
D58HAM	Threaded 5/8"- 18 UNF	Connector, MS	Overall length: 61 mm
	stainless steel IP67	3102A-10SL-4P, 2 pin	Thread length: 33 mm

## VR Electromagnetic Speed Sensors - EX NA Class 1 Div 2

- Temperature rating: -40...125°C
- Signal output: Frequency and amplitude proportional to speed
- Frequency range: up to 20 kHz
   Electrical: Sine wave output, 850 Ohm, 135 mH
- Module / DP Range: M: 0.5 or larger / DP: 50 or coarser CERTIFIED FOR USE IN EXPLOSIVE ATMOSPHERES

Туре	Housing	Connection	Mechanical
DX10A	Threaded M10x1	Connector, M12x1	Overall length: 48 mm
	stainless steel IP67	4 pin, sealed	Thread length: 34 mm
DX10S	Threaded M10x1	Cable, PTFE, 3m	Overall length: 54 mm
10 Ji	stainless steel IP67	0.21 mm², AWG 24	Thread length: 34 mm
DX12A	Threaded M12x1	Connector, M12x1	Overall length: 60 mm
	stainless steel IP67	4 pin, sealed	Thread length: 40 mm
DX12A35	Threaded M12x1	Connector, M12x1	Overall length: 109 mm
	stainless steel IP67	4 pin, sealed	Thread length: 89 mm
DX38A	Threaded 3/8"- 24 UNF	Connector, M12x1	Overall length: 48 mm
	stainless steel IP67	4 pin, sealed	Thread length: 34 mm
DX38S	Threaded 3/8"- 24 UNF	Cable, PTFE, 3m	Overall length: 54 mm
- 1	stainless steel IP67	0.21 mm², AWG 24	Thread length: 34 mm
DX58AM	Threaded 5/8"- 18 UNF	Connector, MS	Overall length: 61 mm
	stainless steel IP67	3102A-10SL-4P, 2 pin	Thread length: 33 mm
DX58AM25	Threaded 5/8"- 18 UNF	Connector, MS	Overall length: 92 mm
	stainless steel IP67	3102A-10SL-4P, 2 pin	Thread length: 64mm
DX58AM40	Threaded 5/8" - 18 UNF	Connector, MS	Overall length: 130 mm
	stainless steel IP67	3102A-10SL-4P, 2 pin	Thread length: 102 mm
DX58S	Threaded 5/8"- 18 UNF	Cable, PTFE, 3 m	Overall length: 69 mm
	stainless steel IP67	0.21 mm², AWG 24	Thread length: 50 mm
DX58S25	Threaded 5/8"- 18 UNF	Cable, PTFE, 3 m	Overall length: 83 mm
	stainless steel IP67	0.21 mm <sup>2</sup> , AWG 24	Thread length: 64 mm
DX58S40	Threaded 5/8"- 18 UNF	Cable, PTFE, 3 m	Overall length: 121 mm
	stainless steel IP67	0.21 mm², AWG 24	Thread length: 102 mm









## Differential Hall Effect Speed Sensors

- Temperature rating: -40...125°C
- Signal output: Frequency proportional to speed
- Frequency range: 5 Hz to 20 kHz
- Supply Voltage: 8...32 VDC
- Electrical: Square wave push-pull output

Туре	Housing	Connection	Mechanical
DE12A	Smooth 10.8 mm OD	Connector, M12x1	Overall length: 60 mm
	flange mount IP67	4 pin, sealed	Shaft length: 25.7 mm
DE12P	Threaded M12x1	Cu cable insulation	Overall length: 92 mm
	stainless steel IP67	PTFE, 0.35 m, 021mm²	Thread length: 64 mm
		AWG 24 with connector 3 pin AMP	

**Industrial speed sensors** 









## **Dual Channel Hall Effet Speed and Direction Sensors**

- Temperature rating: -40...125°C
- Signal output: Frequency proportional to speed (channel 1) and direction (ch 2)
- Frequency range: 0 Hz to 15 kHz
- Supply Voltage: 8...32 VDC
- Electrical: Square wave output, NPN plus direction line
- Module / DP Range: M: 1.0 or larger / DP: 25 or coarser

Туре	Housing	Connection	Mechanical
F12A	Threaded M12x1	Connector, M12x1	Overall length: 60 mm
	stainless steel IP67	4 pin, sealed	Thread length: 40 mm
F12S	Threaded M12x1	Cable, silicone, 1 m	Overall length: 69 mm
	stainless steel IP67	0.34 mm <sup>2</sup> , AWG 22	Thread length: 50 mm
F16A	Threaded M16x1.5	Connector, M12x1	Overall length: 60 mm
	stainless steel IP67	4 pin, sealed	Thread length: 40 mm
F16A25	Threaded M16x1.5	Connector, M12x1	Overall length: 84 mm
1	stainless steel IP67	4 pin, sealed	Thread length: 64 mm
F16A40	Threaded M16x1.5	Connector, M12x1	Overall length: 121 mm
	stainless steel IP67	4 pin, sealed	Thread length: 102 mm
F16S	Threaded M16x1.5	Cable, Silicone, 1m	Overall length: 69 mm
# Ja V	stainless steel IP67	0.34 mm <sup>2</sup> , AWG 22	Thread length: 50 mm
F16S25	Threaded M16x1.5	Cable, Silicone, 1m	Overall length: 83 mm
	stainless steel IP67	0.34 mm <sup>2</sup> , AWG 22	Thread length: 64 mm
F16S40	Threaded M16x1.5	Cable, Silicone, 1m	Overall length: 121 mm
	stainless steel IP67	0.34 mm², AWG 22	Thread length: 102

## **Dual Channel Hall Effet Speed and Direction Sensors**

- Temperature rating: -40...125°C
- Signal output: Frequency proportional to speed (channel 1) and direction (ch 2)
- Frequency range: 0 Hz to 15 kHz
   Supply Voltage: 8...32 VDC
- Electrical: Square wave output, NPN plus direction line
- Module / DP Range: M: 1.0 or larger / DP: 25 or coarser

Туре	Housing	Connection	Mechanical
Y12AD	Threaded M12x1 with	Connector, M12x1	Overall length: 75 mm
	O-ring and locator key	4 pin, sealed	Shaft length: 36 mm

## Zero Speed Hall Effect Speed Sensors - continued

- Temperature rating: -40...125°C
- Signal output: Frequency proportional to speed
- Frequency range: 0 Hz to 15 kHz
- Supply Voltage: 8...25 VDC
- Electrical: Square wave, NPN with 2.7 Ohm pull up
- Module / DP Range: M: 1.0 or larger / DP: 25 or coarser

Туре	Housing	Connection	Mechanical
F58A	Threaded 5/8"- 18 UNF	Connector, M12x1	Overall length: 60 mm
	stainless steel IP67	4 pin, sealed	Thread length: 40 mm
F58A25	Threaded 5/8"- 18 UNF	Connector, M12x1	Overall length: 84 mm
	stainless steel IP67	4 pin, sealed	Thread length: 64 mm
F58A40	Threaded 5/8"- 18 UNF	Connector, M12x1	Overall length: 121 mm
	stainless steel IP67	4 pin, sealed	Thread length: 102 mm
F58AM	Threaded 5/8"- 18 UNF	Connector, MS	Overall length: 61 mm
1830	stainless steel IP67	3102A-10SL-3P, 3 pin	Thread length: 33 mm
F58AM25	Threaded 5/8"- 18 UNF	Connector, MS	Overall length: 92 mm
	stainless steel IP67	3102A-10SL-3P, 3 pin	Thread length: 64 mm
F58AM40	Threaded 5/8"- 18 UNF	Connector, MS	Overall length: 130 mm
	stainless steel IP67	3102A-10SL-3P, 3 pin	Thread length: 102 mm
F58S	Threaded 5/8"- 18 UNF	Cable, silicone, 1m	Overall length: 69 mm
	stainless steel IP67	0.34 mm², AWG 22	Thread length: 50 mm
F58S25	Threaded 5/8"- 18 UNF	Cable, silicone, 1m	Overall length: 83 mm
	stainless steel IP67	0.34 mm², AWG 22	Thread length: 60 mm
F58S40	Threaded 5/8"- 18 UNF	Cable, silicone, 1m	Overall length: 121 mm
	stainless steel IP67	0.34 mm <sup>2</sup> , AWG 22	Thread length: 102 mm







