

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com





Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Our sensor cables come with 360° shielding which provides protection against electromagnetic interference. Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Version	Sensor/actuator line, One end without connector, M12, Number of poles : 8, 3 m, Socket, angled, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<u>1275470300</u>
Туре	SAIL-M12BW-8S3.0U
GTIN (EAN)	4050118066364
Qty.	1 pc(s).

Technical data



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Bending radius, min., moving 12 x cable diameter Bending radius, min., stationary 5 x cable diameter Cable length 3 m Correctors Buildion Buildion Configurable cable length No Insulation PP Number of poles 8 Core cross-section 0.25 mm² Outside diameter 6.3 mm ± 0.2 mm Resistant to welding beads No Sheath material PUR Sheathing colour Black Shielded Yes Speed 100 m/min Stilded Yes Speed 100 m/min General technical data Temperature range, moving -2580 °C Torsion resistance 360 °/m Goding A Connection thread M12 Housing main material PUR Insulation strength 10 ⁶ Ω ED No No No Plugging cycles ≥ 100 Pollution severity 3 Rated ourrent 2A Rated voltage 30 V Timperature range of housing -40 +85 ° C Timperature range of housing -40 +85 ° C Insulation strength 10 ⁸ Ω Rated voltage <	Dimensions and weights			
REACH SVHC Lead 7439-92-1 Technical specifications for cable Acceleration 5 m/s ² Bending radius, min, moving 12 cable diameter Cable length 3 m Configurable cable length 3 m Confugurable cable length No Number of poles 8 Outside diameter 6.3 mm \pm 0.2 mm Resident to welding beads No Sheath material PUR Insulation strength 10 ⁶ Ω Protection degree IP67, when screwed in, IP66, IP66 Rated voltage 30 V Threaded ring material Brashould voltage 30 V <	Net weight	120 g		
Acceleration 5 m/s² Bending radius, min, moving 12 x cable diameter Cable length 3 m Configurable cable length No Number of poles 8 Outside diameter 6.3 mm ± 0.2 mm Sheath material PUR Sheath material PUR <td>Environmental Product Co</td> <td>ompliance</td> <td></td> <td></td>	Environmental Product Co	ompliance		
Technical specifications for cable Acceleration 5 m/s ² Bending radius, min, stationary 5 x cable diameter Cable length 3 m Configurable cable length No Dise, red, white, box Configurable cable length No No Dise red, white, box PP Number of poles 8 Outer cladding in accordance with UL AWM style 20549 (80 °C / 300 Sheath material PUR Sheath material No No Shielded Yes Speed 100 m/min Shielded Yes Temperature range, moving 25.80 °C Contract surface Gold-plated Housing main material PUR Sheath material PUR Speed 100 m/min General technical data Connection thread M12 M12 Contact surface Gold-plated Housing main material PUR Insulation strength $10^8 \Omega$ Temperature range of housing 40485 °C Threaded ring material Brass, nickel-plated Housing main material PUR Insulation strength $10^8 \Omega$ Temperature range of housing 40485 °C	REACH SVHC	l ead 7439-92-1		
Acceleration5 m/s² m/s² Cable lengthBending radius, min., stationary S x cable diameter Colour coding1 mill. S x cable diameter Colour codingCable length3 m Configurable cable lengthNo No Number of polesCore cross-section0.25 mm² PP Number of polesOutside diameter6.3 mm \pm 0.2 mm No Sheath materialPUR Sheath material20549 (80 °C / 300 PP No No Sheath material20549 (80 °C / 300 PP No Outside diameterCodingA Core cross-section2.5 mm² PR Outside diameterCodingA StieldedSheathing colourblack SpeedShieldedYesSpeed100 m/minGeneral technical dataTemperature range, moving Torsion resistance25.80 °C 360 °/mContact surfaceGold-plated Housing main materialPUR LEDInsulation strength $10^8 \Omega$ No Pollution severity3 PRotection degreeProtection degreeIP67, when screwed in, IP65, IP66Pollution severity3 Pollution severityReted voltage30 VTemperature range of housing Tightening torqueM12: 0.8 · 1.2 Nm JumperedInsulation strength $10^8 \Omega$ Rated voltage30 vGeneral standardsEao7231Connector standardIEC 61076-2-101Class 50.0Colou 855 ECLASS 9.1Z7:0e-03.11ECLASS 9.0 C2:70e-03.11EVIM 6.0EC001855 ECLASS 9.1Z7:0e-03.11EVIM 6.0EC001855 ECLASS 9.1Z7:0e-03.11				
Bending radius, min., moving 12 x cable diameter Bending radius, min., stationary 5 x cable diameter Cable length 3 m Correctors Buildion Buildion Configurable cable length No Insulation PP Number of poles 8 Core cross-section 0.25 mm² Outside diameter 6.3 mm ± 0.2 mm Resistant to welding beads No Sheath material PUR Sheathing colour Black Shielded Yes Speed 100 m/min Stilded Yes Speed 100 m/min General technical data Temperature range, moving -2580 °C Torsion resistance 360 °/m Goding A Connection thread M12 Housing main material PUR Insulation strength 10 ⁶ Ω ED No No No Plugging cycles ≥ 100 Pollution severity 3 Rated ourrent 2A Rated voltage 30 V Timperature range of housing -40 +85 ° C Timperature range of housing -40 +85 ° C Insulation strength 10 ⁸ Ω Rated voltage <				
Bending radius, min., moving 12 x cable diameter Bending radius, min., stationary 5 x cable diameter Cable length 3 m Core cross-section 0.25 mm² Configurable cable length No Insulation PP Number of poles 8 Corter class-section 0.25 mm² Outside diameter 6.3 mm ± 0.2 mm Resistant to welding beads No Sheath material PUR Speed 100 m/min Shielded Yes Speed 100 m/min Shielde for cable carries Yes Speed 100 m/min General technical data Temperature range, moving -2580 °C Torsion resistance 360 °/m Coding A Connection thread M12 Housing main material PUR Plugging cycles ≥ 100 Pollution severity 3 Rated voltage 30 V Protection degree IP67, when screwed in, IP65, IP66 Temperature range of housing -40 +85 °C Timpteriature range of housing -40 +85 °C Treaded ring material Brace Speed 30 V Speed 30 V General trandards ID ⁸ Ω <td>Acceleration</td> <td>5 m/s²</td> <td>Bending cycles</td> <td>1 mill</td>	Acceleration	5 m/s ²	Bending cycles	1 mill
Cable lengthJ mColour codingblue, red. white, brow green, yellow, grey, JConfigurable cable lengthNoCore cross-section $0.25 \mathrm{mm}^2$ HalogenNoInsulationPPNumber of poles8Outer cladding in accordance with UL AVM style $20549 (80 ^\circ C / 300$ Sheath materialPURSheathing colourblackSheidedYesSpeed100 m/minSheidedYesTemperature range, moving-2580 ^\circ CGeneral technical dataConnection threadM12CondingAConnection threadM12Conding verses2 100Pollution severity3Protection degreeIP67, when screwed in, IP65, IP66EDNoProtection degreeIP67, when screwed in, IP65, IP66Temperature range of housing40+85 ^\circ CInsulation strength $10^8 \Omega$ Temperature range of housing40+85 ^\circ CThreaded ring materialBrass, nickel-platedjumperedNoInsulation strength $10^8 \Omega$ Temperature range of housing40+85 ^\circ CInsulation strength $10^8 \Omega$ Rated voltage $30 V$ General standardsConnector standardIEC 61076-2-101Certificate no. (cULus)E307231Connector standardIEC 61076-2-101ClassificationsETIM 7.0EC001855ETIM 7.0EC001855ETIM 8.0EC001855ECLASS 9.027.06-03-11ECLASS 9.127.06-03-11ECLASS 10.027.06-03-11		· · · · · · · · · · · · · · · · · · ·		
3 mgreen, yellow, gree, fConfigurable cable lengthNo0.25 mm²HalogenNoInsulationPPNumber of poles8AWM style20549 (80 °C / 300Outside diameter6.3 mm ± 0.2 mmResistant to welding beadsNoSheath materialPURSheathing colourblackSheidedYesSpeed100 m/minSuitable for cable carriersYesTemperature range, moving-25.80 °CGeneral technical dataGeneral technical dataM12CodingAConnection threadM12Contact surfaceGold-platedHousing main materialPURInsulation strength10 ⁶ ΩLEDNoPlugging cycles≥ 100Pollution severity3Rated voltage30 VTemperature range of housing-40+85 °CTrender ing materialBrass, nickel-platedjumperedM02.08.1.2.8 Mi2Insulation strength $10^8 \Omega$ Rated voltage $30 V$ Electrical propertiesE307231Connector standardIEC 61076-2-101StandardsE1076-2-101ClassificationsE1M 7.0EC001855ETIM 6.0EC001856ETIM 7.0EC001855ETIM 8.0EC001856ETIM 7.0EC001855ETIM 8.0EC001856ETIM 5.0.27.06-03-11	0 1 1 0			blue, red, white, brown,
Configurable cable length No Core cross-section 0.25 mm² Halogen No Insulation PP Number of poles 8 Outer cladding in accordance with UL. AVM style 20549 (80 °C / 300 Outside diameter 6.3 mm ± 0.2 mm Resistant to welding beads No Sheath material PUR Sheathing colour black Sheidded Yes Temperature range, moving -25.80 °C Temperature range, stationary -4080 °C Torsion resistance 360 */m Gonact surface Gold-plated Housing main material PUR Insulation strength 10 ⁶ Ω LED No Plugging cycles ≥ 100 Pollution severity 3 Protection degree IP67, when screwed in, IP65, IP66 Rated current 2.A Rated voltage 30 V Temperature range of housing -40+85 °C Tightening torque M12:0.8-1.2 Nm jumpered No Version Socket, angled jumpered No Insulation strength 10 ⁸ Ω Rated voltage 30 V Cornector standard IEC 61076-2-101 Connector standard IEC 61076-2-101 Standards EGO1855 ETIM 5.0 EC001855 <t< td=""><td></td><td>3 m</td><td>g</td><td>green, yellow, grey, pin</td></t<>		3 m	g	green, yellow, grey, pin
Number of poles 8 Outer cladding in accordance with UL AWM style 20549 (80 °C / 300 Outside diameter 6.3 mm ± 0.2 mm Resistant to welding beads No Sheath material PUR Sheath ing colour black Shielded Yes Speed 100 m/min Stiable for cable carriers Yes Temperature range, moving -2580 °C Temperature range, stationary -4080 °C Torsion resistance 360 °/m General technical data Connection thread M12 Coding A Connection thread M12 Contact surface Gold-plated Housing main material PUR Insulation strength 10 ⁸ Ω Pollution severity 3 Protection degree IP67, when screwed in, IP65, IP66 Rated current 2 A Rated voltage 30 V Temperature range of housing -40 +85 ° C Tightening torque M12:0.8 - 1.2 Nm jumpered No Protection degree IP67, when screwed in, IP65, IP66 Rated voltage 30 V Insulation strength	Configurable cable length	No	Core cross-section	
8AWM style20549 (80 °C / 300Outside diameter6.3 mm ± 0.2 mmResistant to welding beadsNoSheath materialPURSheathing colourblackShieldedYesSpeed100 m/minSuitable for cable carriersYesTemperature range, moving-2580 °CTemperature range, stationary4080 °CTorsion resistance360 °/mGeneral technical dataCodingAConnection threadM12Connection threadM12Connection threadM12Connection threadM12Connection threadM12Contact surfaceGold-platedInsulation strength $10^6 \Omega$ LEDNoPlugging cycles ≥ 100 Pollution severity3Protection degreeIP67, when screwed in, IP65, IP66Rated current2.ATightening torqueM12: 0.8 · 1.2 NmVersionSocket, angledjumperedNoNoElectrical propertiesConnector standardsConnector standardIEC 61076-2-101ClassificationsETIM 8.0EC001855ETIM 5.0EC001855ETIM 5.0EC001855ETIM 5.027-06-03-11ECLASS 9.027-06-03-11	Halogen	No	Insulation	PP
Sheath material PUR Sheathing colour black Shielded Yes Speed 100 m/min Stridled Yes Temperature range, moving -2580 °C Temperature range, stationary -4080 °C Torsion resistance 360 °/m General technical data M12 Coding A Connection thread M12 Contact surface Gold-plated Housing main material PUR Insulation strength 10 ⁶ Ω LED No Plugging cycles ≥ 100 Pollution severity 3 Protection degree IP67, when screwed in, IP65, IP66 Temperature range of housing -40+85 ° C Threaded ring material Brass, nickel-plated Iumpered No Version Socket, angled jumpered No Electrical properties Insulation strength 10 ⁸ Ω Rated voltage Insulation strength 10 ⁹ Ω Rated voltage 30 ∨ General standards EC 61076-2-101 Standards Connector standard IEC 61076-2-101 EC 61076-2-101 Standards ETIM 5.0 EC001855 ETIM 7.0 Ec001855 ETIM 8.0 EC001855 ETIM 7.0 Ec001855 ETIM 8	Number of poles	8	-	20549 (80 °C / 300 V)
Shielded Yes Speed 100 m/min Suitable for cable carriers Yes Temperature range, moving -2580 °C Temperature range, stationary -4080 °C Torsion resistance 360 °/m General technical data Connection thread M12 Coding A Connection thread M12 Contact surface Gold-plated Housing main material PUR Insulation strength 10 ⁹ Ω LED No Plugging cycles ≥ 100 Pollution severity 3 Protection degree IP67, when screwed in, IP65, IP66 Rated voltage 30 V Threaded ring material Brass, nickel-plated Temperature range of housing -40+85 ° C Insulation strength 10 ⁸ Ω Rated voltage 30 V Electrical properties Imsulation strength 10 ⁸ Ω Rated voltage 30 V General standards EC 61076-2-101 EC 61076-2-101 EC 61076-2-101 Standards EC 61076-2-101 EC 61076-2-101 EC 61076-2-101 Classifications IEC 61076-2-101 EC 61076-2-101 EC 61076-2-101 <	Outside diameter	6.3 mm ± 0.2 mm	Resistant to welding beads	
Suitable for cable carriers Yes Temperature range, moving -2580 °C Temperature range, stationary -4080 °C Torsion resistance 360 °/m General technical data Connection thread M12 Coding A Connection thread M12 Contact surface Gold-plated Housing main material PUR Insulation strength 10 ⁸ Ω LED No Plugging cycles ≥ 100 Pollution severity 3 Protection degree IP67, when screwed in, IP65, IP66 Rated current 2 A Threaded ring material Brass, nickel-plated Tightening torque M12: 0.8 - 1.2 Nm Version Socket, angled jumpered No No Insulation strength 10 ⁸ Ω Rated voltage 30 V Electrical properties Insulation strength 10 ⁸ Ω Rated voltage 30 V General standards E307231 Connector standard IEC 61076-2-101 Classifications IEC 61076-2-101 ECon1855 ETIM 7.0 ECO01855 ETIM 6.0 ECO01855 ETIM 7.0 ECO01855 ECO01855 ETIM 6.0 ECO01855 ETIM 7.0 ECO01855 ETIM 6.0 ECO01855 ECAS 9.0 <t< td=""><td>Sheath material</td><td>PUR</td><td>Sheathing colour</td><td>black</td></t<>	Sheath material	PUR	Sheathing colour	black
Temperature range, stationary -4080 °C Torsion resistance 360 °/m General technical data General technical data M12 Coding A Connection thread M12 Contact surface Gold-plated Housing main material PUR Insulation strength 10 ⁸ Ω LED No Plugging cycles ≥ 100 Pollution severity 3 Protection degree IP67, when screwed in, IP66, IP66 Rated current 2 A Rated voltage 30 V Temperature range of housing 40+85 ° C Trightening torque M12:0.8 - 1.2 Nm jumpered No Version Socket, angled jumpered No Insulation strength 10 ⁸ Ω Rated voltage 30 V General standards E307231 Connector standard IEC 61076-2-101 Standards E10 6.0 EC001855 ETIM 7.0 EC001855 ETIM 6.0 EC001855 ETIM 7.0 EC001855 EC001855 ETIM 8.0 EC001855 ECASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11	Shielded	Yes	Speed	100 m/min
General technical data Coding A Contact surface Gold-plated Insulation strength 10 ⁸ Ω Plugging cycles ≥ 100 Protection degree IP67, when screwed in, IP65, IP66 Rated voltage 30 V Temperature range of housing -40 +85 ° C Threaded ring material Brass, nickel-plated Tightening torque M12 No Pollution severity Version Socket, angled Jumpered No Electrical properties Insulation strength 10 ⁸ Ω Rated voltage 30 V General standards Certificate no. (cULus) E307231 Connector standard IEC 61076-2-101 Classifications ETIM 6.0 EC001855 ETIM 8.0 EC001855 ETIM 8.0 EC001855 ETIM 8.0 EC001855 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11< ECLASS 10.0 27-06-03-11	Suitable for cable carriers	Yes	Temperature range, moving	-2580 °C
CodingAConnection threadM12Contact surfaceGold-platedHousing main materialPURInsulation strength $10^8 \Omega$ LEDNoPlugging cycles ≥ 100 Pollution severity3Protection degreeIP67, when screwed in, IP65, IP66Rated current2 ARated voltage $30 V$ Temperature range of housing $40 \dots 485 ° C$ Threaded ring materialBrass, nickel-platedTightening torqueM12: 0.8 - 1.2 NmVersionSocket, angledjumperedNoElectrical propertiesInsulation strength $10^8 \Omega$ Rated voltage30 VGeneral standardsCertificate no. (cULus)E307231Connector standardIEC 61076-2-101StandardsConnector standardIEC 61076-2-101ClassificationsETIM 6.0EC001855ETIM 7.0EC001855ETIM 7.0EC001855ETIM 7.0EC001855ETIM 7.0EC001855ETIM 7.0EC001855ETIM 7.0EC001855ETIM 7.0EC001855ETIM 7.0EC001855ETIM 5.027-06-03-11ECASS 9.027-06-03-11ECASS 9.027-06-03-11ECASS 9.027-06-03-11ECASS 9.027-0	Temperature range, stationary	-4080 °C	Torsion resistance	360 °/m
Contact surface Gold-plated Housing main material PUR Insulation strength 10 ⁸ Ω LED No Plugging cycles ≥ 100 Pollution severity 3 Protection degree IP67, when screwed in, IP65, IP66 Pollution severity 3 Rated voltage 30 V Temperature range of housing -40 +85 ° C Threaded ring material Brass, nickel-plated jumpered M12: 0.8 - 1.2 Nm Version Socket, angled jumpered No Electrical properties Insulation strength 10 ⁸ Ω Rated voltage Insulation strength 10 ⁸ Ω Rated voltage 30 V General standards E307231 Connector standard IEC 61076-2-101 Standards E1IM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ECASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11	General technical data			
Contact surface Gold-plated Housing main material PUR Insulation strength 10 ⁸ Ω LED No Plugging cycles ≥ 100 Pollution severity 3 Protection degree IP67, when screwed in, IP65, IP66 Pollution severity 3 Rated voltage 30 V Temperature range of housing -40 +85 ° C Threaded ring material Brass, nickel-plated jumpered M12: 0.8 - 1.2 Nm Version Socket, angled jumpered No Electrical properties Insulation strength 10 ⁸ Ω Rated voltage Insulation strength 10 ⁸ Ω Rated voltage 30 V General standards IEC 61076-2-101 IEC 61076-2-101 Standards EIIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ECASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11	Coding	Δ	Connection thread	M12
Insulation strength $10^8 Ω$ LEDNoPlugging cycles≥ 100Pollution severity3Protection degreeIP67, when screwed in, IP65, IP66Patted current2 ARated voltage30 VTemperature range of housing-40 +85 ° CThreaded ring materialBrass, nickel-platedTightening torqueM12: 0.8 - 1.2 NmVersionSocket, angledjumperedNoElectrical propertiesInsulation strength $10^8 Ω$ Rated voltage $30 V$ General standardsCertificate no. (cULus)E307231Connector standardIEC 61076-2-101StandardsConnector standardEIIM 6.0EC001855EIIM 7.0EC001855ETIM 6.0EC001855ECLASS 9.027-06-03-11ECLASS 9.127-06-03-11ECLASS 10.027-06-03-11				
No No Plugging cycles ≥ 100 Pollution severity 3 Protection degree IP67, when screwed in, IP65, IP66 Pollution severity 3 Rated voltage 30 V Temperature range of housing 40 +85 ° C Threaded ring material Brass, nickel-plated Tightening torque M12: 0.8 - 1.2 Nm Version Socket, angled jumpered No Electrical properties Insulation strength 10 ⁸ Ω Rated voltage 30 V General standards E307231 Connector standard IEC 61076-2-101 Standards E100 EC001855 E1IM 7.0 EC001855 ETIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11				
Protection degree IP67, when screwed in, IP65, IP66 Rated current 2 A Rated voltage 30 V Temperature range of housing -40 +85 ° C Threaded ring material Brass, nickel-plated Tightening torque M12: 0.8 - 1.2 Nm Version Socket, angled jumpered No Electrical properties Insulation strength 10 ⁸ Ω Rated voltage 30 V General standards E307231 Connector standard IEC 61076-2-101 Standards E1076-2-101 E1076-2-101 E1076-2-101 Standards E1076-2-101 E1076-2-101 E1076-2-101 Connector standard IEC 61076-2-101 E1076-2-101 Classifications E11M 7.0 EC001855 ETIM 8.0 EC001855 E11M 7.0 EC001855 ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11				
Rated voltage30 VTemperature range of housing-40 +85 ° CThreaded ring materialBrass, nickel-platedTightening torqueM12: 0.8 - 1.2 NmVersionSocket, angledjumperedNoElectrical propertiesInsulation strength10 ⁸ ΩRated voltage30 VGeneral standardsConnector standardIEC 61076-2-101E307231Connector standardIEC 61076-2-101StandardsEIM 6.0EC001855ETIM 7.0EC001855ETIM 7.0EC001855ETIM 8.0EC001855ECLASS 9.027-06-03-11ECLASS 9.027-06-03-11		IP67, when screwed in,		
Threaded ring material Brass, nickel-plated Tightening torque M12: 0.8 - 1.2 Nm Version Socket, angled jumpered No Electrical properties No Insulation strength 10 ⁸ Ω Rated voltage 30 V General standards Connector standard IEC 61076-2-101 Standards EC 61076-2-101 Connector standard IEC 61076-2-101 Classifications ETIM 6.0 EC001855 ETIM 8.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11	Bated voltage		Temperature range of housing	
Version Socket, angled jumpered No Electrical properties Insulation strength 10 ⁸ Ω Rated voltage 30 V General standards Connector standard IEC 61076-2-101 Standards E307231 Connector standard IEC 61076-2-101 Standards EConnector standard IEC 61076-2-101 Connector standard IEC 61076-2-101 ETIM 6.0 EC001855 ETIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11				
Insulation strength 10 ⁸ Ω Rated voltage 30 V General standards General standards E307231 Connector standard IEC 61076-2-101 Standards E307231 Connector standard IEC 61076-2-101 Standards EC001855 ETIM 7.0 EC001855 ETIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11				
General standards Certificate no. (cULus) E307231 Connector standard IEC 61076-2-101 Standards IEC 61076-2-101 IEC 61076-2-101 IEC 61076-2-101 Connector standard IEC 61076-2-101 IEC 61076-2-101 IEC 61076-2-101 Classifications IEC 61076-2-101 IEC 61076-2-101 IEC 61076-2-101 ETIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11	Electrical properties			
General standards Certificate no. (cULus) E307231 Connector standard IEC 61076-2-101 Standards IEC 61076-2-101 IEC 61076-2-101 IEC 61076-2-101 Connector standard IEC 61076-2-101 IEC 61076-2-101 IEC 61076-2-101 Classifications IEC 61076-2-101 IEC 61076-2-101 IEC 61076-2-101 ETIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11	Insulation strength	4.08 0	Rated voltage	00.14
Certificate no. (cULus) E307231 Connector standard IEC 61076-2-101 Standards EC 61076-2-101 EC 61076-2-101 EC 61076-2-101 Connector standard IEC 61076-2-101 EC 61076-2-101 EC 61076-2-101 Classifications ETIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11		10° Ω	hateu voltage	30 V
Standards Connector standard IEC 61076-2-101 Classifications ETIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11				
Connector standard IEC 61076-2-101 Classifications ETIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11	Certificate no. (cULus)	E307231	Connector standard	IEC 61076-2-101
ETIM 6.0 EC001855 ETIM 7.0 EC001855 ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11	Standards			
ETIM 6.0EC001855ETIM 7.0EC001855ETIM 8.0EC001855ECLASS 9.027-06-03-11ECLASS 9.127-06-03-11ECLASS 10.027-06-03-11	Connector standard	IEC 61076-2-101		
ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11	Classifications			
ETIM 8.0 EC001855 ECLASS 9.0 27-06-03-11 ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11		FC0018FF	ETIM 7.0	FC0019EF
ECLASS 9.1 27-06-03-11 ECLASS 10.0 27-06-03-11				
	ECLASS 9.1 ECLASS 11.0	27-06-03-11	ECLASS 10.0	27-00-03-11

Technical data



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Approvals	
Approvals	
ROHS	Conform
UL File Number Search	E307231
Downloads	
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

Drawings

Dimensioned drawing



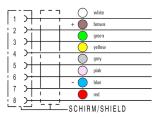
Weidmüller Interface GmbH & Co. KG

4

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Wiring diagram





Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

Screwty® cable gland tool with torque function



The ideal tool for any application

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Туре	SAI-SCREWTY BOX	Version
Order No.	<u>1939180000</u>	Bolting tool
GTIN (EAN)	4032248615506	
Qty.	1 pc(s).	
Туре	SCREWTY-M12-DM	Version
Order No.	<u>1900001000</u>	Cable gland tool for moulded M12 lines
Order No. GTIN (EAN)	<u>1900001000</u> 4032248436408	Cable gland tool for moulded M12 lines

Tools



- Stripping tools with automatic self-adjustment
- For flexible and solid conductors
- Ideally suitable for mechanical and plant engineering, railway and rail traffic, wind energy, robot technology, explosion protection as well as marine, offshore and ship building sectors
- Stripping length adjustable via end stop
- · Automatic opening of clamping jaws after stripping
- No fanning-out of individual conductors
- Adjustable to diverse insulation thicknesses
- Double-insulated cables in two process steps without special adjustment
- No play in self-adjusting cutting unit
- Long service life
- Optimised ergonomic design

General ordering data

Туре	STRIPPER 6-16 RED-LINE	Version
Order No.	<u>9203110000</u>	Stripping and cutting tool
GTIN (EAN)	4032248541423	
Qty.	1 pc(s).	

Accessories

Tools



General ordering data

 Type
 AM 12

 Order No.
 9030060000

 GTIN (EAN)
 4008190337827

 Oty.
 1 pc(s).

Tools, Sheathing strippers

Version

Blank





Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Sheathing stripper for PVC cables

TM-I is an acknowledged and accredited marker type for traffic engineering applications. There are various different tag lengths available for individual labelling with long character strings. Easy handling of separation and installation thanks to the project marker field. Preattachment of sleeves and retrofitting of tags offer excellent versatility

The special contour of TM-I allows easy assembly and secures firm positioning. They are compatible with a number of commercially available sleeves. Thanks to the MultiCard format, the tags can be printed quickly and conveniently with the PrintJet CONNECT, plotter or the STI pen.

- Easy handling of separation and installation thanks to the project marker field.
- Acknowledged and accredited marker for traffic engineering applications
- Pre-attachment of sleeves and retrofitting of tags offer excellent versatility
- Not suited for labelling with P-Ink or STI pen in connection with CLI T sleeves

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

 Type
 TM-I 18 MC NE GE

 Order No.
 1718431687

 GTIN (EAN)
 4008190349028

 Qty.
 320 pc(s).

TM-I, Insert markers, 18 x 4 mm, yellow

Version

Creation date January 22, 2022 6:52:59 AM CET



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

Accessories

Туре	TM-I 18 MC NE WS	Version
Order No.	<u>1718431044</u>	TM-I, Insert markers, 18 x 4 mm, white
GTIN (EAN)	4008190349011	
Qty.	320 pc(s).	

Cutting tools



Cutting tools for conductors up to 8 mm, 12 mm, 14 mm and 22 mm outside diameter. The special blade geometry allows pinch-free cutting of copper and aluminium conductors with minimum physical effort. The cutting tools also come with VDE and GS-tested protective insulation up to 1,000 V in accordance with EN/IEC 60900.

General ordering data

KT 8	Version
<u>9002650000</u>	Cutting tools, Cutting tool for one-hand operation
4008190020163	
1 pc(s).	
	<u>9002650000</u> 4008190020163

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Weidmuller: <u>1275470300</u>