

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.

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: 5, 30 m, pin, straight, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<u>1925453000</u>
Туре	SAIL-M12G-5-30V
GTIN (EAN)	4050118260304
Qty.	1 pc(s).



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Technical data

Dimensions and weights

Net weight	1,286.56 g		
Technical specifications for c	able		
Cable length		Colour coding	brown, white, blue, black
G	30 m	ŭ	grey
Configurable cable length	No	Core cross-section	0.34 mm ²
Halogen	Yes	Insulation	PVC
Irradiation crosslinked	No	Number of poles	5
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	Outside diameter	5.7 mm ± 0.2 mm
Resistant to welding beads	No	Sheath material	PVC
Sheathing colour	black	Shielded	No
Suitable for cable carriers	No	Temperature range, moving	-580 °C
Temperature range, stationary	-3080 °C	Torsion resistance	0 °/m
Welding spark resistance	No		
General technical data			
General technical data			
Coding	A-coded	Connection thread	M12
Coding Contact surface	Gold-plated	Housing main material	PUR
Coding Contact surface Insulation strength	Gold-plated 10 ⁸ Ω	Housing main material LED	PUR No
Coding Contact surface Insulation strength Plugging cycles	Gold-plated 10 ⁸ Ω ≥ 100	Housing main material LED Pollution severity	PUR
Coding Contact surface Insulation strength	Gold-plated 10 ⁸ Ω	Housing main material LED	PUR No
Coding Contact surface Insulation strength Plugging cycles	Gold-plated 10 ⁸ Ω ≥ 100 IP67, IP68, when screwed	Housing main material LED Pollution severity	PUR No 3
Coding Contact surface Insulation strength Plugging cycles Protection degree	Gold-plated 10 ⁸ Ω ≥ 100 IP67, IP68, when screwed in, IP65, IP66	Housing main material LED Pollution severity Rated current	PUR No 3
Coding Contact surface Insulation strength Plugging cycles Protection degree Rated voltage	Gold-plated 10 ⁸ Ω ≥ 100 IP67, IP68, when screwed in, IP65, IP66 60 V	Housing main material LED Pollution severity Rated current Temperature range of housing	PUR No 3 4 A -25+85 °C
Coding Contact surface Insulation strength Plugging cycles Protection degree Rated voltage Threaded ring material	Gold-plated 10 ⁸ Ω ≥ 100 IP67, IP68, when screwed in, IP65, IP66 60 V Diecast zinc	Housing main material LED Pollution severity Rated current Temperature range of housing Tightening torque	PUR No 3 4 A -25+85 °C M12: 0.8 - 1.2 Nm
Coding Contact surface Insulation strength Plugging cycles Protection degree Rated voltage Threaded ring material Version	Gold-plated 10 ⁸ Ω ≥ 100 IP67, IP68, when screwed in, IP65, IP66 60 V Diecast zinc pin, straight	Housing main material LED Pollution severity Rated current Temperature range of housing Tightening torque	PUR No 3 4 A25+85 °C M12: 0.8 - 1.2 Nm No
Coding Contact surface Insulation strength Plugging cycles Protection degree Rated voltage Threaded ring material Version Electrical properties	Gold-plated 10 ⁸ Ω ≥ 100 IP67, IP68, when screwed in, IP65, IP66 60 V Diecast zinc	Housing main material LED Pollution severity Rated current Temperature range of housing Tightening torque jumpered	PUR No 3 4 A -25+85 °C M12: 0.8 - 1.2 Nm
Coding Contact surface Insulation strength Plugging cycles Protection degree Rated voltage Threaded ring material Version Electrical properties Insulation strength	Gold-plated 10 ⁸ Ω ≥ 100 IP67, IP68, when screwed in, IP65, IP66 60 V Diecast zinc pin, straight	Housing main material LED Pollution severity Rated current Temperature range of housing Tightening torque jumpered	PUR No 3 4 A25+85 °C M12: 0.8 - 1.2 Nm No

Creation	date	June	13	2025	7.45.15	AM CES	т

Connector standard

Plug, left

Plug, right

Plug right

Plug left

IEC 61076-2-101

unshielded

free conductor end

M12, A-coded, IP69, male contact, straight, Plastic,



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Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 9.0	27-06-03-11
ECLASS 9.1	27-06-03-11	ECLASS 10.0	27-06-03-11
ECLASS 11.0	27-06-03-11	ECLASS 12.0	27-06-03-11
ECLASS 13.0	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

Downloads

Engineering Data	CAD data – STEP
Product Change Notification	DE - Technische Änderung zu M12 Gewindering mit 6-Kant
	EN - Technical change to M12 nut with additional hexagonal mounting
	Technical change to 3 to 5-pole unshielded M12 cord sets
Catalogues	Catalogues in PDF-format
Brochures	<u>FL FIELDWIRING EN</u>



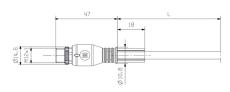
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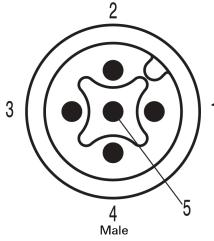
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Drawings

Dimensioned drawing

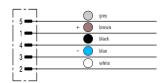


Pole scheme



The ideal tool: Screwty ® with torque function

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