

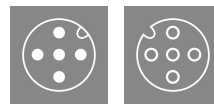
SAIL-M12GM12G-CD-1.0TV**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, Ether-CAT and Ethernet.

General ordering data

Version	Bus line, Connecting line, M12 / M12, Number of poles: 5, 1 m, Male pin, straight - Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	2493720100
Type	SAIL-M12GM12G-CD-1.0TV
GTIN (EAN)	4050118506068
Qty.	1 items

SAIL-M12GM12G-CD-1.0TV

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Approvals

Approvals



Dimensions and weights

Diameter	6.9 mm	Net weight	92 g
----------	--------	------------	------

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

Technical specifications for cable

Cable length	1 m	Sheathing colour	violet
Resistance to oils	in accordance with IEC 60811:404	Suitable for cable carriers	Yes
Shielded	Yes	Halogen	No
Insulation	TPE	Acceleration	3 m/s ²
Bending cycles	2.5 Mio	Wire cross section (Print/Online)	2 x 0,67 mm ² + 2 x 0,38 mm ²
Speed	180 m/s	Sheath material	PUR
Configurable cable length	No	Welding spark resistance	Yes
Colour coding	white, blue, red, black	Torsion resistance	360 °/m
Temperature range, stationary	-40...80 °C	Resistant to welding beads	Yes
Temperature range, moving	-25...80 °C	Number of poles	5

General technical data

Coding	A-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	LED	No
Version	Male pin, straight - Female socket, straight	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	30 V
Protection degree	IP67, when screwed in	Plugging cycles	≥ 100 (M12)
Pollution severity	3	jumpered	No
Threaded ring material	Brass, nickel-plated	Temperature range of housing	-25...+80 °C
Tightening torque	M12: 0.8 - 1.2 Nm		

Electrical properties

Insulation resistance	108 Ω	Nominal voltage	30 V
-----------------------	-------	-----------------	------

General standards

Connector standard	IEC 61076-2-101
--------------------	-----------------

SAIL-M12GM12G-CD-1.0TV

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data**Plug, left**

Plug left	M12, A-coded, IP67, male contact, straight, Plastic, shielded
-----------	---

Plug, right

Plug right	M12, A-coded, IP67, female contact, straight, Plastic, shielded
------------	---

Classifications

ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

SAIL-M12GM12G-CD-1.0TV

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Drawings

Dimensioned drawing



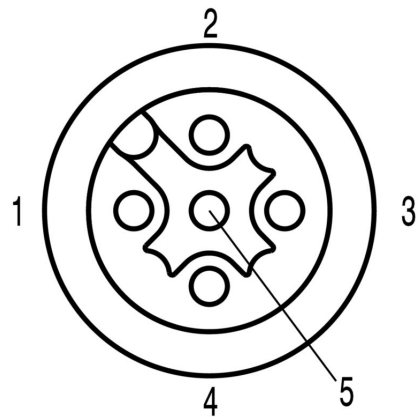
Dimensioned drawing



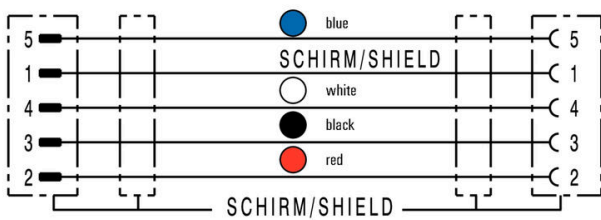
Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function

