

SAIL-M12GM12G-TS-0.5U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image**

Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

General ordering data

Version	Sensor/actuator line, M12 / M12, Number of poles : 4, 0.5 m, Male pin, straight - Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	2490240050
Type	SAIL-M12GM12G-TS-0.5U
GTIN (EAN)	4050118500714
Qty.	1 pc(s).

SAIL-M12GM12G-TS-0.5U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

Net weight	100 g
------------	-------

Technical specifications for cable

Acceleration	50 m/s ²	Bending cycles	10 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	0.5 m	Colour coding	brown, white, blue, black
Configurable cable length	No	Core cross-section	1.5 mm ²
Halogen	No	Insulation	TPE
Irradiation crosslinked	No	Number of poles	4
Outside diameter	9.4 mm ± 0.2 mm	Resistant to welding beads	Yes
Sheath material	PUR	Sheathing colour	black
Shielded	Yes	Suitable for cable carriers	Yes
Temperature range, moving	-30...80 °C	Temperature range, stationary	-40...80 °C
Welding spark resistance	No		

General technical data

Coding	T-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 ⁸ Ω	LED	No
Plugging cycles	≥ 100 (M12)	Pollution severity	3
Protection degree	IP65, IP67	Rated current	12 A
Rated voltage	60 V	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Nickel-plated CuZn	Tightening torque	M12: 0.8 - 1.2 Nm
Version	Male pin, straight - Female socket, straight	jumpered	No

Electrical properties

Insulation strength	10 ⁸ Ω	Rated voltage	60 V
---------------------	-------------------	---------------	------

General standards

Connector standard	IEC 61076-2-111
--------------------	-----------------

Standards

Connector standard	IEC 61076-2-111
--------------------	-----------------

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		

SAIL-M12GM12G-TS-0.5U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Technical data****Approvals**

Approvals



Approvals MAMID

https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/

ROHS

Conform

Environmental Product Compliance

RoHS Compliance Status

Compliant with exemption

RoHS Exemption (if applicable/known)

6c

REACH SVHC

Lead 7439-92-1

SCIP

e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Downloads

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

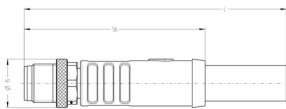
SAIL-M12GM12G-TS-0.5U

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

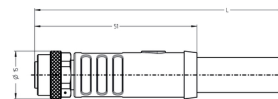
www.weidmueller.com

Drawings

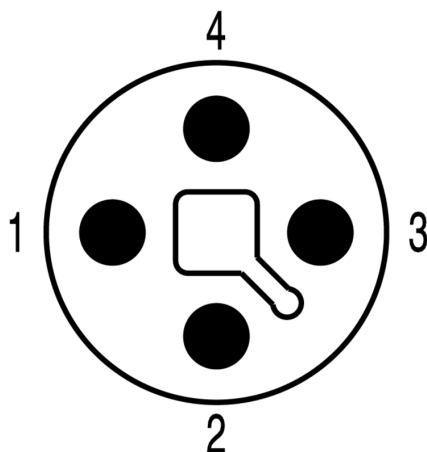
Dimensioned drawing



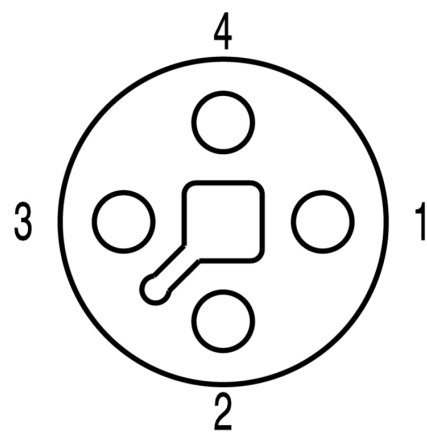
Dimensioned drawing



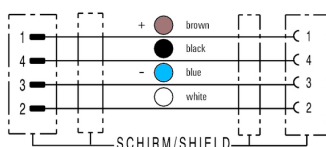
Pole scheme



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function

