

SAIL-M12BG-5-0.6TYV

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

www.weidmueller.com

Product image



General ordering data

Version	Sensor/actuator line, M12, Number of poles : 5, 0.6 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2812750060
Type	SAIL-M12BG-5-0.6TYV
GTIN (EAN)	4064675426066
Qty.	1 items

SAIL-M12BG-5-0.6TYV

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

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

Dimensions and weights

Net weight	80 g
------------	------

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	bd63baef-8092-4596-90c7-5b4daa22710b

Technical specifications for cable

Cable length	0.6 m	Sheathing colour	yellow
Resistance to oils	in accordance with IEC 60811-404	Suitable for cable carriers	Yes
Core cross-section	0.34 mm ²	Shielded	No
Halogen	No	Insulation	TPE
Cable Material	PUR	Bending radius, min., moving	7.5 x cable diameter
Bending radius, min., stationary	4 x cable diameter	Bending cycles	10 Mio
Sheath material	PUR	LABS-free	Yes
Outer cladding in accordance with UL AWM style	20233 (80 °C / 300 V)	Core in accordance with UL AWM style	10995 (80 °C / 300 V)
Irradiation crosslinked	No	Welding spark resistance	Yes
Colour coding	brown, blue, black, white, grey	Torsion resistance	360 °/m
Temperature range, stationary	-30...105 °C	Resistant to welding beads	Yes
Bending cycles at torsion	> 5 Mio.	Temperature range, moving	-40...105 °C
Number of poles	5		

General technical data

Coding	A-coded	Connection thread	M12
Contact surface	Gold-plated	LED	No
Version	Female socket, straight	Housing main material	PUR
Nominal voltage	60 V	Nominal current	4 A
Protection degree	IP65, IP66, IP67, IP68, when screwed in	Threaded ring material	Brass, nickel-plated
Temperature range of housing	-25...+85 °C	Tightening torque	M12: 0.8 - 1.2 Nm

Electrical properties

Nominal voltage	60 V
-----------------	------

General standards

Certificate no. (cULus)	E307231
-------------------------	---------

SAIL-M12BG-5-0.6TYV

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

www.weidmueller.com

Technical data

Plug, left

Plug left	M12, A-coded, IP68, male contact, straight, Plastic, unshielded
-----------	---

Plug, right

Plug right	free conductor end
------------	--------------------

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-M12BG-5-0.6TYV

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

www.weidmueller.com

Drawings

Detailed drawing



Dimensioned drawing



Pole scheme



Wiring diagram



The ideal tool: Screwty® with torque function



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