

SAIL-M12BG-5-8.0TOV

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, 8 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2812640800
Type	SAIL-M12BG-5-8.0TOV
GTIN (EAN)	4064675342601
Qty.	1 items

SAIL-M12BG-5-8.0TOV

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 230 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	8 m	Sheathing colour	orange
Suitable for cable carriers	Yes	Core cross-section	0.34 mm ²
Shielded	No	Halogen	No
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, black, blue, white, grey
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	Outside diameter	5.2 mm ± 0.2 mm

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	24 V	Nominal current	4 A
AF size	12 mm	Protection degree	IP65, IP66, IP67, IP68, when screwed in
Pollution severity	3	Temperature range of housing	-25...+85 °C

Electrical properties

Nominal voltage 24 V

General standards

Certificate no. (cULus) E307231

SAIL-M12BG-5-8.0TOV

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

www.weidmueller.com

Technical data**Plug, left**

Plug left	connector, M12, A-coded, Number of poles: 5, male contact, straight, 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-5-8.0TOV

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