

SAIL-M12BW-5-3LR5.0TOV

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, 5 m, Socket, angled, Shielded: No, LED: Yes, Sheath material: PUR, Halogen: No
Order No.	2812670500
Type	SAIL-M12BW-5-3LR5.0TOV
GTIN (EAN)	4064675343196
Qty.	1 items

SAIL-M12BW-5-3LR5.0TOV

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

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Net weight 170 g

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption
 RoHS Exemption (if applicable/known) 6c, 7cl
 REACH SVHC Lead 7439-92-1
 SCIP bd63baef-8092-4596-90c7-5b4daa22710b

Technical specifications for cable

Cable length	5 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	Yes
Version	Socket, angled	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

Plug, left

Plug left M12, A-coded, IP68, female contact, angled 90°, Plastic, LED

SAIL-M12BW-5-3LR5.0TOV

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

www.weidmueller.com

Drawings

Detailed drawing



Dimensioned drawing



Pole scheme



Wiring diagram



SAIL-M12BW-5-3LR5.0TOV

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

Drawings

www.weidmueller.com

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