

Item description

- M8 sensor/actuator box, 8-way
- 3-pole (1 signal per contact)
- Cable length 5m or 10m



- Green LED operating indicator
- Yellow LED status indicator
- incl. marker strips (note: WMB markers can also be used)
- incl. M8 protective caps (2 pcs)

Data

Technical Data

Contact resistance max.	0.01 Ω
Supply voltage	DC 10 ... 30 V; Bemessungsspannung: 32 V ~ eff.
Stromtragfähigkeit der Signalanschlüsse	2 A
Current carrying capacity of the supply connections	6 A
Bemessungswert der galvanischen Trennung	500 V
Funktional getrennte Potentialgruppen	Kontakt/Kontakt
Isolationswiderstand	1000 M Ω
Signal characteristic	PNP
Indicators	LED yellow: Signal status (1 x per contact); LED (U) green: Sensor /actuator box status

Connection data

Connection technology: inputs / outputs	8 x M8 connectors, 3 poles
Anschluss technik: Stammleitung	1 x feste Anschlussleitung
Length of the connecting cable	10 m
Strip length	100 mm / 3.94 Inch
Colors of the leads	white, green, yellow, gray, pink, red, black, purple, brown, blue
Conductor cross section	Cross section of single conductor: 0.34 mm ² ; Cross section of single conductor (2): 0.75 mm ²

Geometrical Data

Width	30 mm / 1.181 inch
Height	20 mm / 0.787 inch
Depth	152 mm / 5.984 inch

Mechanical data

Mounting type	Screw mounting
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Material Data

Housing material	PA 66 (UL 94 V0); RAL 7035; silicon and halogen free
Halogen-free	Yes
Durchmesser der Mantelleitung	7.4 mm
bending radius	min. 10 x cable \varnothing

Materialeigenschaften der Anschlüsse	Contact: CuSn, pre-nickeled and 0.8 µm gold-plated; Tapped bush: Zn diecast nickel-plated; Seal: Viton; Connection cycles: 50
Sheath material	PUR
Color of sheathed cable	black
Potting	Fully encapsulated with conformal coating (UL 94 V0)

Environmental Requirements

Surrounding air (operating) temperature	-25 ... 80 °C
Umgebungstemperatur (Betrieb) bewegt	-5 ... +80 °C
Umgebungstemperatur (Betrieb) ruhend	-40 ... +90 °C
Umgebungstemperatur (Betrieb) in der Schleppkette	+60 °C
Degree of protection	IP68
Degree of pollution (5)	3 acc. to VDE 0110
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27

Commercial data

Country of origin	DE
GTIN	4044918978644
Customs Tariff No.	85366990990


Approvals / Certificates

UL-Approvals



Logo	Approval	Certificate name
	UL UL International Germany GmbH (ORDINARY LOCATIONS)	E175199 Sec.5

Compatible products

General accessories

	Item no.: 756-8101 M8 protective cap; for unused sockets	www.wago.com/756-8101
	Item no.: 757-080 Spacer module for sensor/actuator box; 8-way	www.wago.com/757-080

Marking accessories

	Item no.: 210-110 Fiber-tip pen	www.wago.com/210-110
	Item no.: 757-081 Marking strips; cut to a defined length; not stretchable; plain; snap-on type	www.wago.com/757-081



Downloads

Documentation

Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download
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System Description

Sensor/Actuator Boxes – General Product Information	Jun 6, 2017	357.7 kB	Download
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CAD data

3D Download 757-483/000-010	URL	Download
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Subject to changes.