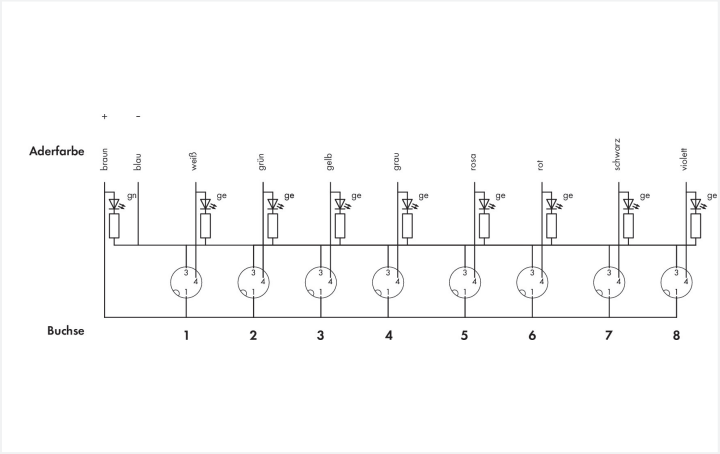
Data Sheet | Item Number: 757-483/000-010

M8 sensor/actuator box; 8-way; 3-pole; 10 m

https://www.wago.com/757-483/000-010





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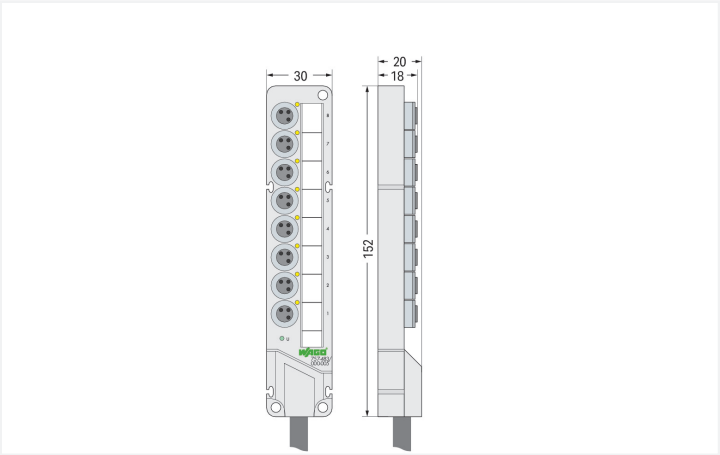

- M8 sensor/actuator box, 8-way
- 3-pole (1 signal per contact)
- Cable length: 5 and 10 m
- Green LED operating indicator
- Yellow LED status indicator
- incl. marking strips (WMB markers can also be used)
- incl. M8 protective caps (2 pcs)

Technical data	
Contact resistance (max.)	0.01 Ω
Supply voltage	10 … 30 VDC; Rated voltage: 32 V ~ rms
Current carrying capacity (signal connections)	2 A
Current carrying capacity (supply connections)	6 A
Rated value of electrical isolation	500 V
Functionally separated potential groups	Kontakt/Kontakt
Insulation resistance	>10^9 Ω
Signal characteristics	PNP
Indicators	LED yellow: Signal status (1 x per contact); LED (U) green: Sensor/actuator box status

Connection data

Connection technology: I/O	8 x M8 socket; 3-pole
Connection technology: trunk cable	1 x Fixed connecting cable
Length of connection cable	10 m
Strip length	100 mm / 3.94 inches
Wire colors	white, green, yellow, gray, pink, red, black, purple, brown, blue
Cable design	Wire cross-section: 0.34 mm²; Wire cross-section: 0.75 mm²

Physical data

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

Mechanical data

Mounting type	Screw mount
Weight	877 g

Material data

Housing material	PA 66 (UL 94 V0); RAL 7035; silicon and halogen free
Halogen-free	Yes
Bending radius	10 x cable diameter (min.) for flexible application
Material properties of the connections	Contact: CuSn, nickel base-coat plating and 0.8 µm gold-plated; Threaded bush: die-cast Zn, nickel-plated; Seal: Viton; 50 mating cycles
Sheath material	PUR
Sheathed cable color	black
Encapsulation	Fully encapsulated with conformal coating (UL 94 V0)

Environmental requirements

Ambient temperature (operation)	-25 … +80 °C
Ambient (operating) temperature (dynamic)	-5 … +80 °C
Ambient (operating) temperature (static)	-40 … +90 °C
Protection type	IP68
Note on protection type	72 hours at a depth of 1 meter underwater per EN 60529 in the fully locked position with its plugs or protective caps
Pollution degree	3 per VDE 0110
Vibration resistance	Per IEC 60068-2-6
Shock resistance	per IEC 60068-2-27

Commercial data

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918978644
Customs tariff number	85366990990

Product Classification

UNSPSC	39121421
eCl@ss 10.0	27-44-01-08
eCl@ss 9.0	27-44-01-08
ETIM 9.0	EC002585
ETIM 10.0	EC002585
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	a21a10b9-c989-4a67-bf34-79a38a23fff7
SCIP notification number (Belgium)	eb3eb4c0-2aa8-47fa-8bf0-5748a8851dbe
SCIP notification number (Bulgaria)	891174af-1e86-4f81-8234-026e845a56f5
SCIP notification number (Czech Republic)	911df8e0-3451-4b6b-9075-4f6dde356521
SCIP notification number (Denmark)	a7418c77-f5d9-45dd-b925-d97457d27f10
SCIP notification number (Finland)	b90b3f4f-db7c-455f-ba34-ca3d448e4ff1
SCIP notification number (France)	50435a36-7c84-4318-9be2-7ea3d9ac7c47
SCIP notification number (Germany)	18664168-ce26-442c-af76-c9aec61029d5
SCIP notification number (Hungary)	eac7df57-f054-4e17-8470-147ce0a107d0
SCIP notification number (Italy)	3352e778-9519-4a75-b6a1-636a347ab66f
SCIP notification number (Netherlands)	8529135f-7c2b-4138-935a-bd71953856dc
SCIP notification number (Poland)	e5538e0c-3b93-4acb-8e9f-8bfae2661f23
SCIP notification number (Romania)	a0007875-bb3d-4c0d-8cb0-284e59a016f0
SCIP notification number (Sweden)	73c952d5-e888-44b2-999a-e6df4193a02d

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
UL UL International Germany GmbH (ORDINARY LOCATIONS)	UL 508	E175199 Sec.5

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
757-483/000-010

Documentation

System Description

Sensor/Actuator Boxes – General Product Information	pdf 428.34 KB	

CAD/CAE-Data

CAD data

2D/3D Models
757-483/000-010

CAE data

EPLAN Data Portal
757-483/000-010

WSCAD Universe
757-483/000-010

ZUKEN Portal
757-483/000-010

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover



Item No.: 756-8101
M8 protective cap; for unused sockets

1.1.2 Installation

1.1.2.1 Intermediate plate



Item No.: 757-080
Spacer module for sensor/actuator box; 8-way

1.1.3 Marking

1.1.3.1 Marking device



Item No.: 210-110
Fiber-tip pen

1.1.3.2 Marking strip



Item No.: 757-081
Marking strips; cut to a defined length; not stretchable; plain; snap-on type