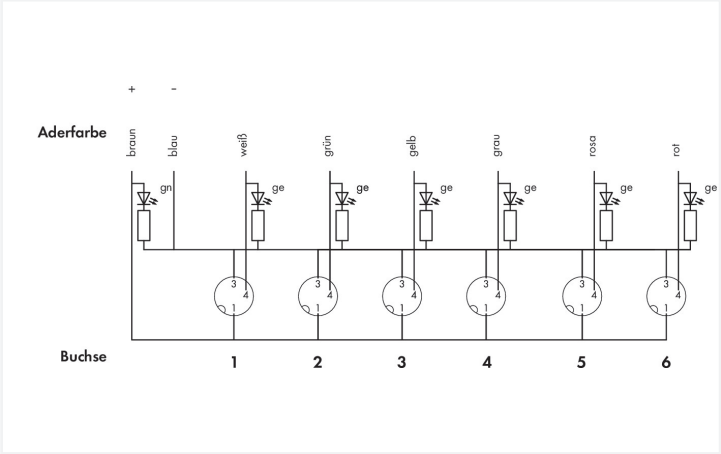
Data Sheet | Item Number: 757-463/000-010

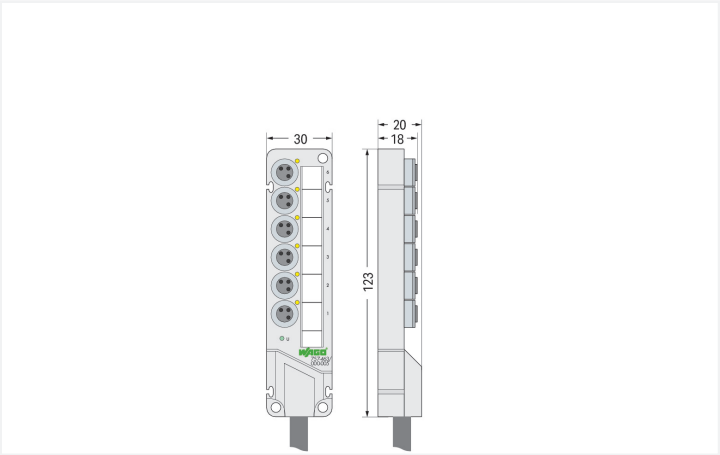
M8 sensor/actuator box; 6-way; 3-pole; 10 m

https://www.wago.com/757-463/000-010





Similar to illustration



- M8 sensor/actuator box, 6-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	6 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, 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	123 mm / 4.843 inches

Mechanical data

Mounting type	Screw mount
Weight	763 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	4044918978620
Customs tariff number	85366990990

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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)	e62015a1-ec68-45ee-bfc6-1aa96f6df26b
SCIP notification number (Belgium)	77cf4efe-9f09-4f17-ab22-d1c500b77a67
SCIP notification number (Bulgaria)	1eb79cc9-0fd4-4900-9a38-779c415a046a
SCIP notification number (Czech Republic)	16c9ec6e-f402-440b-af07-bd31b7d07667
SCIP notification number (Denmark)	e4083fbc-cd39-43e9-9a5f-c9f4c446c3a3
SCIP notification number (Finland)	87f3942c-4d25-4c4a-882a-0c1967abb96c
SCIP notification number (France)	512beb95-2401-42ea-9dd1-57ebe720222d
SCIP notification number (Germany)	c76e5eea-0ec1-4538-9a87-2a157bc8a5dd
SCIP notification number (Hungary)	bb6eb9f9-7155-4a33-a4c8-77b9b2506bc3
SCIP notification number (Italy)	2a33c492-7fda-47b6-99c2-56554badfbd1
SCIP notification number (Netherlands)	73dcaade-c1ef-40ed-a3f5-d952e177032c
SCIP notification number (Poland)	4f3802d3-0570-4b60-b150-bb9b0673e3b1
SCIP notification number (Romania)	f4179f85-3fe0-4e11-9b2a-388ec785d539
SCIP notification number (Sweden)	b0338819-7238-446e-9975-6968aee72961

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
757-463/000-010

Documentation

System Description

Sensor/Actuator Boxes – General Product Information	pdf 428.34 KB	

CAD/CAE-Data

CAD data

2D/3D Models
757-463/000-010

CAE data

EPLAN Data Portal
757-463/000-010

WSCAD Universe
757-463/000-010

ZUKEN Portal
757-463/000-010

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.: 757-060
Spacer module for sensor/actuator box; 6-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.: 757-061
Marking strips; cut to a defined length; not stretchable; plain; snap-on type