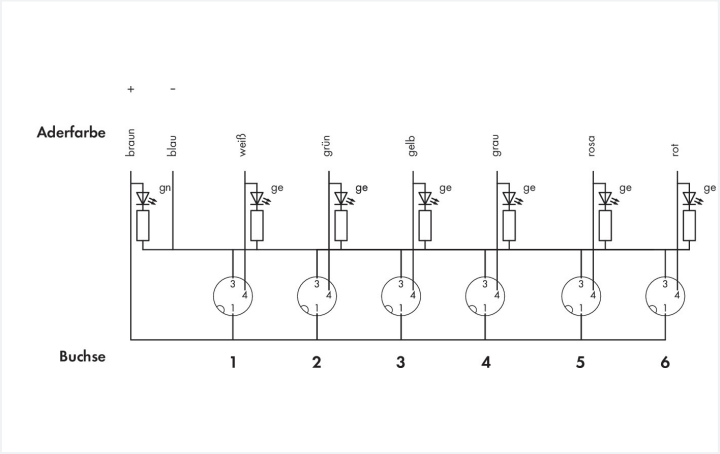
Data Sheet | Item Number: 757-463/000-005

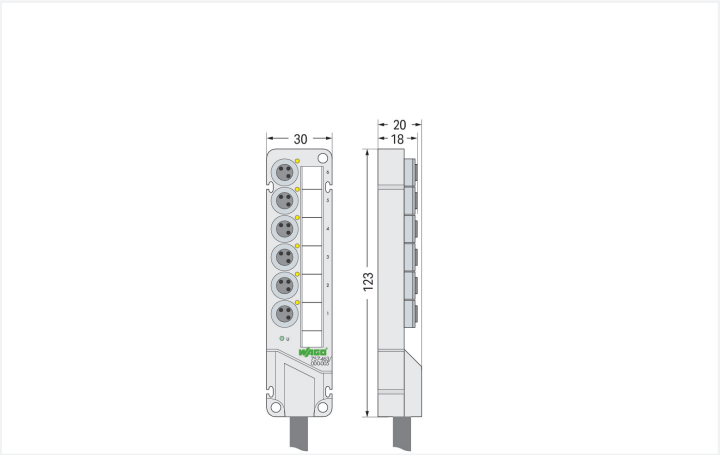
M8 sensor/actuator box; 6-way; 3-pole; 5 m

https://www.wago.com/757-463/000-005





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	5 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	423 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	4044918978613
Customs tariff number	85366990990

Continued on next page

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)	f2d3e329-c2a1-4ff2-b213-3bba2a1ec5fc
SCIP notification number (Belgium)	c7e97ca3-9a60-406e-99b9-3671ff111e26
SCIP notification number (Bulgaria)	01e14f6c-358b-4607-bc65-424731381bdf
SCIP notification number (Czech Republic)	9645b4e6-aa04-4c0a-8952-ba9366ba1387
SCIP notification number (Denmark)	7c5f8e4d-2e6c-4df2-b4b6-eb40cdc8e979
SCIP notification number (Finland)	be1251ae-a3f0-428d-b23e-5dcbce888fb6
SCIP notification number (France)	dad94402-86d6-4e70-a109-2ee1ef75cc27
SCIP notification number (Germany)	9df93ee5-6d59-402a-87c6-c22380899814
SCIP notification number (Hungary)	936406fa-f426-4191-90df-6ec4cce27e5b
SCIP notification number (Italy)	177e1674-5e6b-4fe9-b545-922a816da0dc
SCIP notification number (Netherlands)	b010862f-eefd-480b-9d91-4a132712e826
SCIP notification number (Poland)	b5cb45b8-533c-483d-a266-de14efbaa246
SCIP notification number (Romania)	daa19b77-deb5-4358-8ce6-ec55313897d2
SCIP notification number (Sweden)	7cc36e04-fbfc-4483-9947-26e43416ef83

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
757-463/000-005

Documentation

System Description

Sensor/Actuator Boxes – General Product Information	pdf 428.34 KB	

CAD/CAE-Data

CAD data

2D/3D Models
757-463/000-005

CAE data

EPLAN Data Portal
757-463/000-005

WSCAD Universe
757-463/000-005

ZUKEN Portal
757-463/000-005

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

 Continued on next page

1.1.3.2 Marking strip



Item No.: 757-061
Marking strips; cut to a defined length; not stretchable; plain; snap-on type