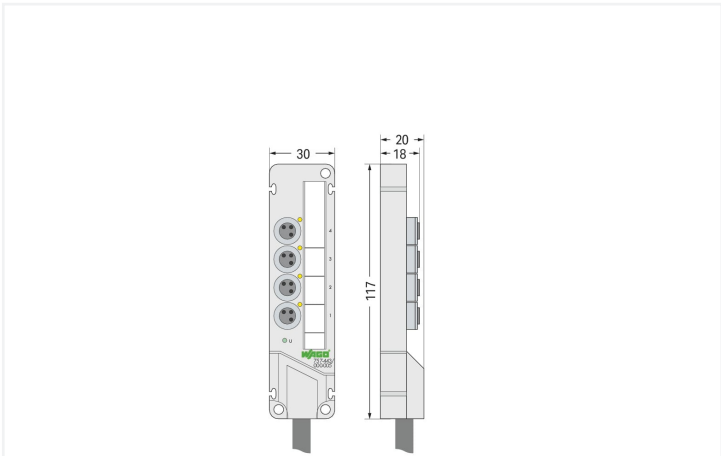
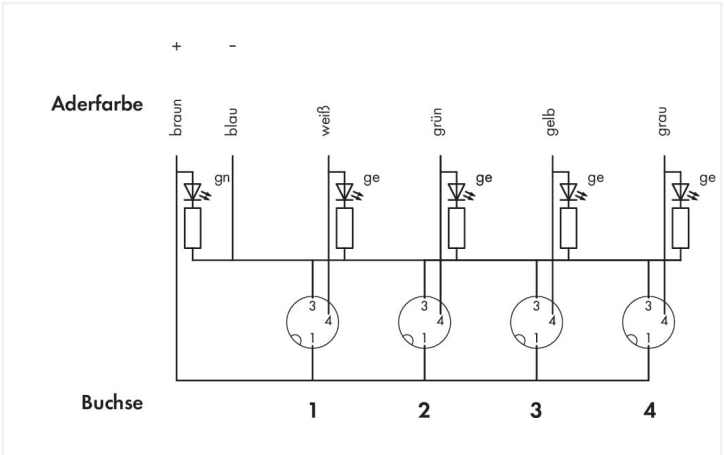




Similar to illustration



- M8 sensor/actuator box, 4-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: inputs/outputs	4 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, brown, blue
Cable design	Wire cross-section: 0.34 mm²; Wire cross-section (2): 0.75 mm²

Physical data	
Width	30 mm / 1.181 inches
Height	20 mm / 0.787 inches
Depth	117 mm / 4.606 inches

Mechanical data	
Mounting type	Screw mount
Weight	660 g

Material data	
Housing material	PA 66 (UL 94 V0); RAL 7035; silicon and halogen free
Halogen-free	Yes
Sheathed cable diameter	6.4 mm
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 h at a depth of 1 m under water 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	
eCl@ss 10.0	27-44-01-08
eCl@ss 9.0	27-44-01-08
ETIM 8.0	EC002585
ETIM 7.0	EC002585
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918978590
Customs tariff number	85366990990



Environmental Product Compliance	
CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	5e4a8a1f-575c-444d-9bab-a8a961f6ae28
SCIP notification number (Belgium)	ce946312-abb6-491f-b4cd-462702d54f5f
SCIP notification number (Bulgaria)	ec132e08-795e-4d19-8535-7203ec467d3d
SCIP notification number (Czech Republic)	36f5b99a-9821-4972-82d6-0d4fe91003e9
SCIP notification number (Denmark)	068ce511-32cd-4caa-9106-dba6ae645844
SCIP notification number (Finland)	9ea65916-b7e6-41f3-8351-ff719c5d9a9d
SCIP notification number (France)	14753018-fba2-43e1-9e74-3ded0e401932
SCIP notification number (Germany)	01d804cc-6cc8-40ba-83f7-7c29000039a8
SCIP notification number (Hungary)	2dd7ecc6-189b-45c2-96ee-da910f46a80f
SCIP notification number (Italy)	025005dd-b5f9-43db-a7e5-0b3a24fc6ccb
SCIP notification number (Netherlands)	97415edd-aff6-4e23-8aa9-efa158fd8d41
SCIP notification number (Poland)	76aec4d0-a658-47f3-a896-4f61d287724b
SCIP notification number (Romania)	b6d854a2-14c0-4b71-addd-9d4ecf56b8fe
SCIP notification number (Sweden)	75997b5d-37b4-48ed-8046-63ba2fcffd0b

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 757-443/000-010



Documentation

System Description
Sensor/Actuator Boxes – General Product Information

pdf
428.34 KB





CAD/CAE-Data	
CAD data 2D/3D Models 757-443/000-010 ↓	CAE data EPLAN Data Portal 757-443/000-010 ↓
	WSCAD Universe 757-443/000-010 ↓
	ZUKEN Portal 757-443/000-010 ↓

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.: 757-040](#)
Spacer module for sensor/actuator box; 4-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.: 757-041](#)
Marking strips; cut to a defined length; not stretchable; plain; snap-on type