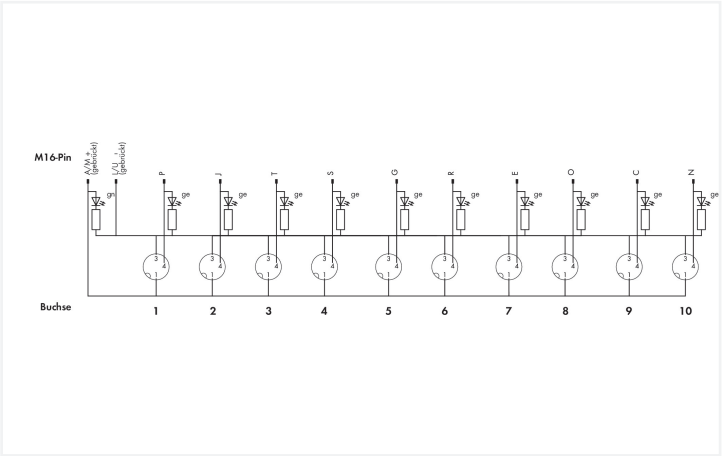
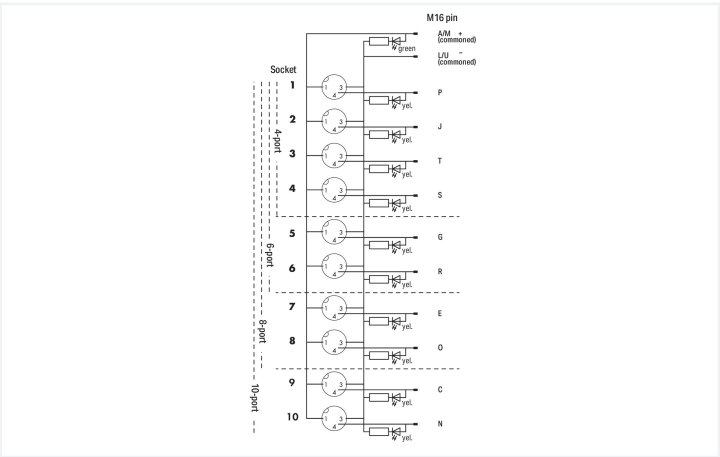
Data Sheet | Item Number: 757-303

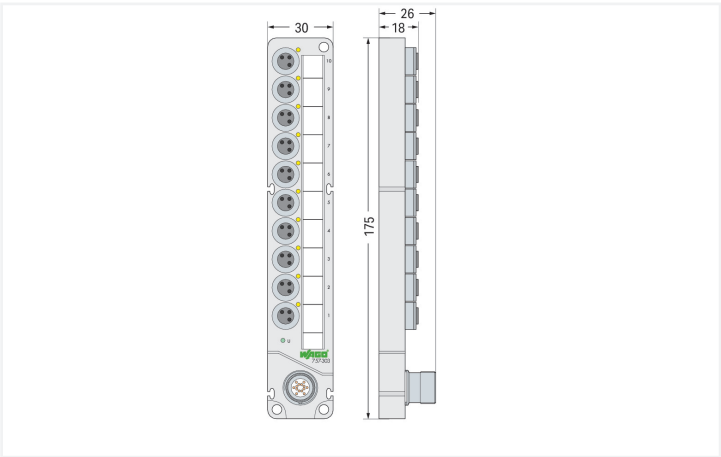
M8 sensor/actuator box; 10-way; 3-pole; M16 connector

https://www.wago.com/757-303









- M8 sensor/actuator box, 10-way
- 3-pole (1 signal per contact)
- M16 connector (14-pole)
- 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

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Connection data

Connection technology: I/O	10 x M8 socket; 3-pole
Connection technology: trunk cable	1 x M16 plug; 14-pole

Physical data

Width	30 mm / 1.181 inches
Height	26 mm / 1.024 inches
Depth	175 mm / 6.89 inches

Mechanical data

Mounting type	Screw mount
Weight	160 g

Material data

Housing material	PA 66 (UL 94 V0); RAL 7035; silicon and halogen free
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
Encapsulation	Fully encapsulated with conformal coating (UL 94 V0)

Environmental requirements

Ambient temperature (operation)	-25 … +80 °C
Protection type	IP67
Note on protection type	Per EN 60529 (NEMA 6 & 6P) 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

Product Group	23 (I/O passive and accessories)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918978705
Customs tariff number	85366990990

Product Classification

UNSPSC	39121421
eCl@ss 10.0	27-44-01-11
eCl@ss 9.0	27-44-01-08
ETIM 9.0	EC003558
ETIM 10.0	EC003558
ECCN	NO US CLASSIFICATION

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Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

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 757-303

Documentation

System Description

Sensor/Actuator Boxes – General Product Information	pdf 428.34 KB	

CAD/CAE-Data

CAD data

2D/3D Models 757-303

CAE data

EPLAN Data Portal 757-303

WSCAD Universe 757-303

ZUKEN Portal 757-303

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1 Compatible Products

1.1 Optional Accessories

1.1.1 Cables and connectors

1.1.1.1 Interconnecting cable



Item No.: 756-3206/140-100
M16 cable; M16 socket; angled; 14-pole; Length: 10 m



Item No.: 756-3206/140-150
M16 cable; M16 socket; angled; 14-pole; Length: 15 m



Item No.: 756-3206/140-050
M16 cable; M16 socket; angled; 14-pole; Length: 5 m



Item No.: 756-3205/140-100
M16 cable; M16 socket; straight; 14-pole; Length: 10 m



Item No.: 756-3205/140-150
M16 cable; M16 socket; straight; 14-pole; Length: 15 m



Item No.: 756-3205/140-050
M16 cable; M16 socket; straight; 14-pole; Length: 5 m

1.1.2 Cover

1.1.2.1 Cover



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

1.1.3 Installation

1.1.3.1 Intermediate plate



Item No.: 757-000
Spacer module for sensor/actuator box; 10-way

1.1.4 Marking

1.1.4.1 Marking device



Item No.: 210-110
Fiber-tip pen

1.1.4.2 Marking strip



Item No.: 757-001
Marking strips; not stretchable; snap-on type