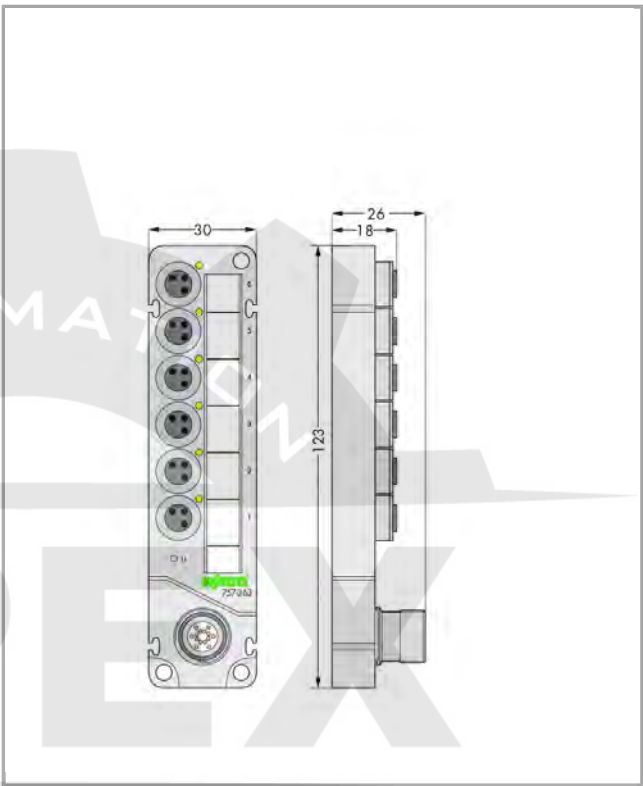
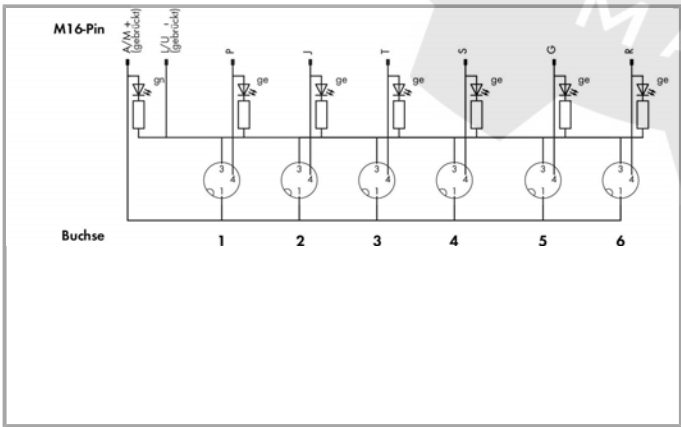


757-363



RoHS BOMcheck.net
Compliant



Item description

- M8 sensor/actuator box, 6-way

- 3-pole (1 signal per contact)
- M16 connector (14-pole)
- Green LED operating indicator
- Yellow LED status indicator
- incl. marker strips (note: WMB markers can also be used)
- incl. M8 protective caps (2 pcs)

Data

Technical Data

Contact resistance max.	0.01 Ω
Supply voltage	DC 10 ... 30 V; Bemessungsspannung: 32 V ~ eff.
Current carrying capacity of the signal connections	2 A
Current carrying capacity of the supply connections	6 A
Bemessungswert der galvanischen Trennung	500 V
Funktional getrennte Potentialgruppen	Kontakt/Kontakt
Insulation resistance	1000 M Ω
Signal characteristic	PNP
Indicators	LED yellow: Signal status (1 x per contact); LED (U) green: Sensor /actuator box status

Connection data

Connection technology: In-/Outputs	6 x M8 connectors, 3 poles
Connection technology: trunk cable	1 x Stecker M16; 14-polig

Geometrical Data

Width	30 mm / 1.181 inch
Height	26 mm / 1.024 inch
Depth	123 mm / 4.843 inch

Mechanical data

Mounting type	Screw mounting
---------------	----------------

Material Data

Housing material	PA 66 (UL 94 V0); RAL 7035; silicon and halogen free
Halogen-free	Yes
Materialeigenschaften der Anschlüsse	Contact: CuSn, pre-nickelated and 0.8 μ m gold-plated; Tapped bush: Zn diecast nickel-plated; Seal: Viton; Connection cycles: 50
Potting	Fully encapsulated with conformal coating (UL 94 V0)

Environmental Requirements

Surrounding air (operating) temperature	-25 ... 80 °C
Protection class	IP67
Note on protection class	per EN 60529 (NEMA 6 & 6P) in fully locked position with its plugs or protective caps
Degree of pollution (5)	3 acc. to VDE 0110
Vibration resistance	acc. to IEC 60068-2-6
Shock resistance	acc. to IEC 60068-2-27

Commercial data

Product Group	23 (I/O passive and accessories)
Country of origin	DE
GTIN	4044918978682
Customs Tariff No.	85366990990

Approvals / Certificates

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH (ORDINARY LOCATIONS)	UL 508	E175199 Sec.5

Compatible products

wiring and connectors

	Item no.: 756-3205/140-050 Connecting cable; for the connection of M8 sensor/actuator boxes; 14-pole; M16 socket, straight; one free cable end; 5 m	756-3205
	Item no.: 756-3205/140-100 Connecting cable; for the connection of M8 sensor/actuator boxes; 14-pole; M16 socket, straight; one free cable end; 10 m	756-3205
	Item no.: 756-3205/140-150 Connecting cable; for the connection of M8 sensor/actuator boxes; 14-pole; M16 socket, straight; one free cable end; 15 m	756-3205
	Item no.: 756-3206/140-050 Connecting cable; for the connection of M8 sensor/actuator boxes; 14-pole; M16 socket, angled; one free cable end; 5 m	756-3206

**Item no.: 756-3206/140-100**

Connecting cable; for the connection of M8 sensor/actuator boxes; 14-pole; M16 socket, angled; one free cable end; 10 m

/ 140-100

756-3206

**Item no.: 756-3206/140-150**

Connecting cable; for the connection of M8 sensor/actuator boxes; 14-pole; M16 socket, angled; one free cable end; 15 m

/ 140-150

756-3206

Marking accessories**Item no.: 210-110**

Fiber-tip pen

210-110

**Item no.: 757-061**

Marking strips; cut to a defined length; not stretchable; plain; snap-on type

757-061

General accessories**Item no.: 756-8101**

M8 protective cap; for unused sockets

756-8101

**Item no.: 757-060**

Spacer module for sensor/actuator box; 6-way

757-060

Downloads**Documentation****Additional Information**

Disposal; Electrical and electronic equipment, Packaging

V 1.0.0

pdf
265.8 kB

Download

System Description

Sensor/Actuator Boxes – General Product Information

pdf
537.3 kB

Download

CAD/CAE - Smart Data**CAD data**

3D Download 757-363

URL

Download

Subject to changes.