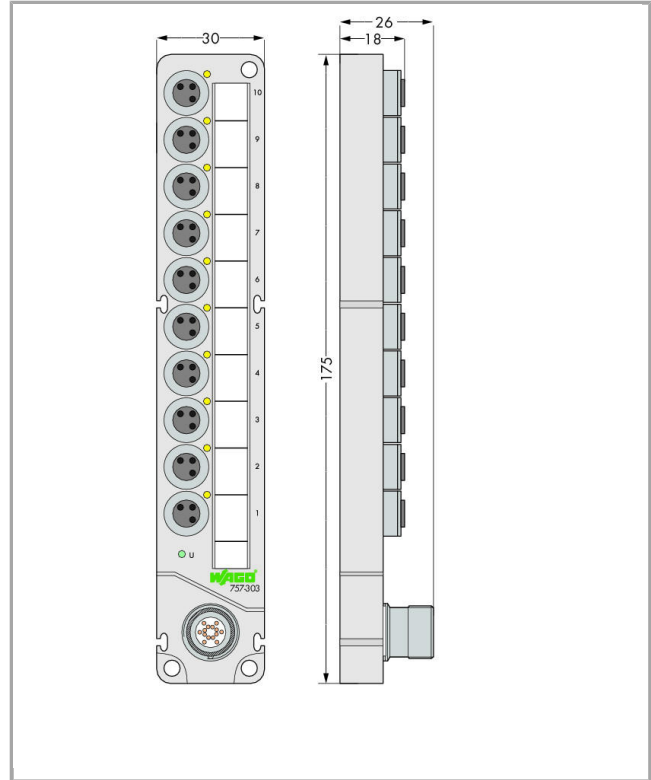


Data sheet | Item number: 757-303

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

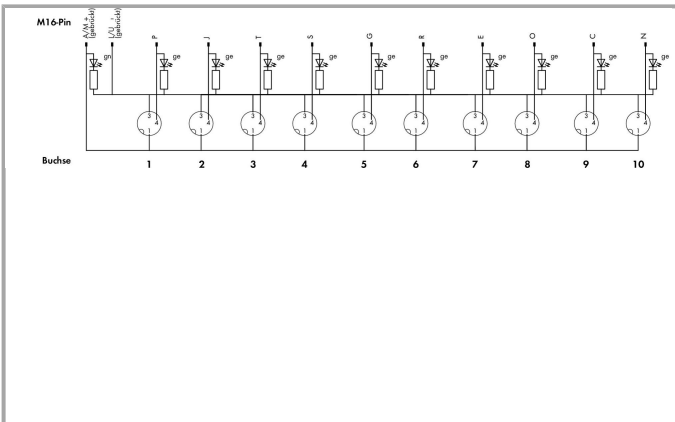


757-303



RoHS  Compliant

[BOMcheck.net](https://www.bomcheck.net)



Item description

- 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. marker strips (note: WMB markers can also be used)
- incl. M8 protective caps (2 pcs)

## Data

### Technical Data

Contact resistance max.	0.01 $\Omega$
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 $\Omega$
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	10 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	175 mm / 6.89 inch

### Mechanical data

Mounting type	Screw mounting
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### 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 $\mu$ 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	4044918978705
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

### Marking accessories







	Item no.: 210-110 Fiber-tip pen	210-110
	Item no.: 757-001 Marking strips; not stretchable; snap-on type	757-001

### General accessories

	Item no.: 756-8101 M8 protective cap; for unused sockets	756-8101
	Item no.: 757-000 Spacer module for sensor/actuator box; 10-way	757-000

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

Downloads

Documentation

Additional Information

Disposal; Electrical and electronic equipment, Packaging	V 1.0.0	pdf 265.8 kB	Download
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System Description

Sensor/Actuator Boxes – General Product Information		pdf 537.3 kB	Download
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CAD/CAE - Smart Data

CAD data

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Subject to changes.