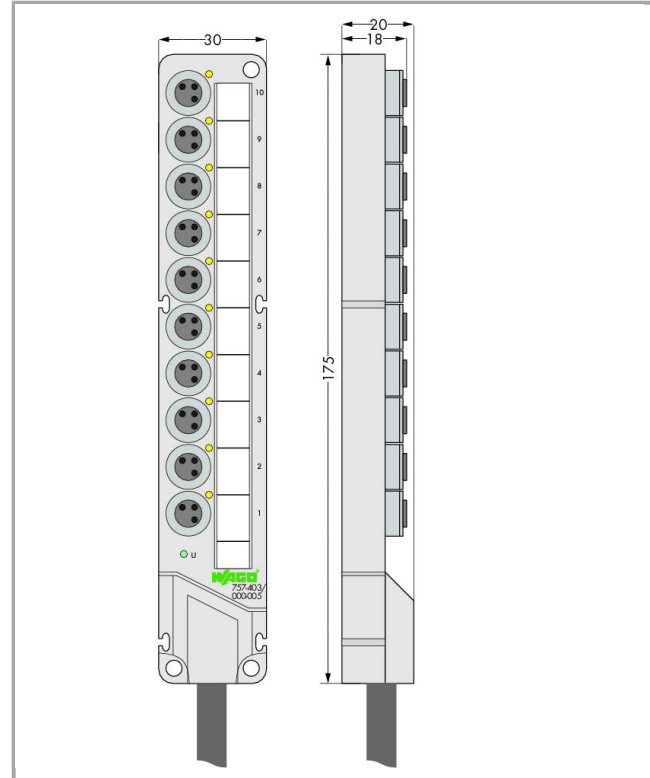


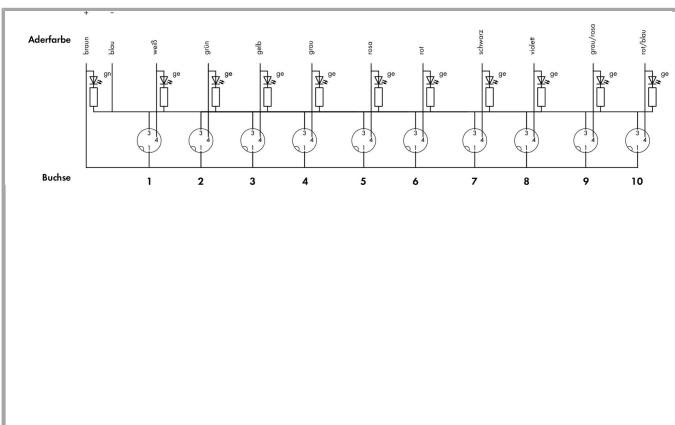
Data sheet | Item number: 757-403/000-010  
M8 sensor/actuator box; 10-way; 3-pole; 10m connecting cable



757-403/000-010



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



Item description

- M8 sensor/actuator box, 10-way
- 3-pole (1 signal per contact)
- Cable length 5m or 10m
-



- 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 feste Anschlussleitung
Length of the connecting cable	10 m
Strip length	100 mm / 3.94 inch
Colors of the leads	white, green, yellow, gray, pink, red, black, purple, gray/pink, red /blue, brown, blue
Conductor cross section	Cross section of single conductor: 0.34 mm <sup>2</sup> ; Cross section of single conductor (2): 0.75 mm <sup>2</sup>

### Geometrical Data

Width	30 mm / 1.181 inch
Height	20 mm / 0.787 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
Durchmesser der Mantelleitung	7.6 mm

bending radius	min. 10 x cable Ø
Materialeigenschaften der Anschlüsse	Contact: CuSn, pre-nickeled and 0.8 µm gold-plated; Tapped bush: Zn diecast nickel-plated; Seal: Viton; Connection cycles: 50
Sheath material	PUR
Color of sheathed cable	black
Potting	Fully encapsulated with conformal coating (UL 94 V0)

## Environmental Requirements


Surrounding air (operating) temperature	-25 ... 80 °C
Umgebungstemperatur (Betrieb) bewegt	-5 ... +80 °C
Umgebungstemperatur (Betrieb) ruhend	-40 ... +80 °C
Protection class	IP68
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

Country of origin	DE
GTIN	4044918978668
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

### 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

### Marking accessories

	Item no.: 210-110 Fiber-tip pen	210-110
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Item no.: 757-001

Marking strips; not stretchable; snap-on type

757-001

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## 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

3D Download 757-403/000-010		URL	Download
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Subject to changes.

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