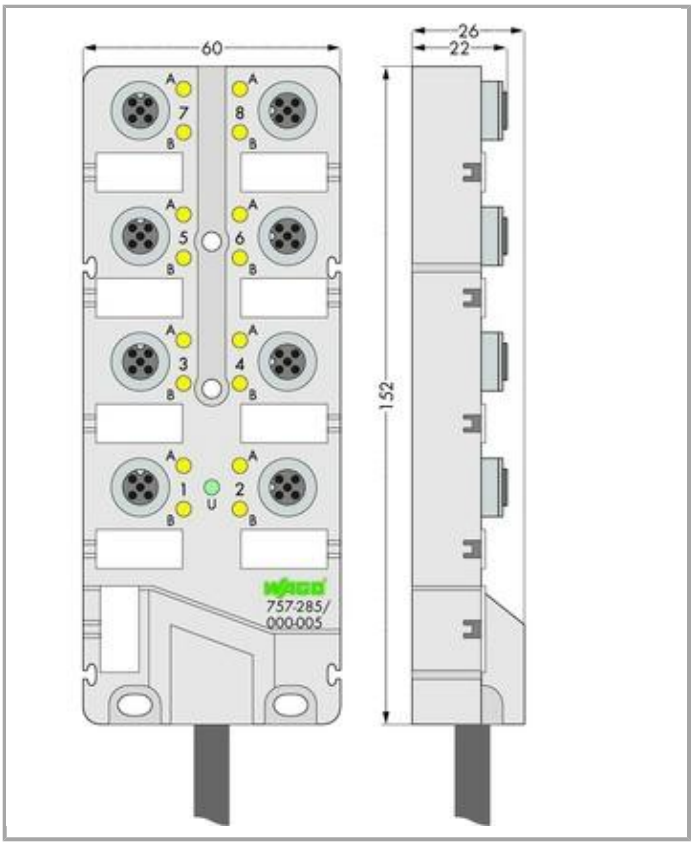
Data sheet | Item number: 757-285/000-005

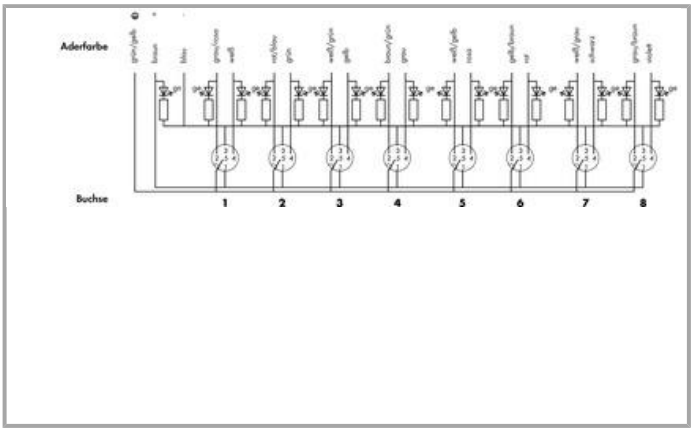
M12 sensor/actuator box; 8-way; 5-pole; 5m connecting cable

www.wago.com/757-285/000-005

RoHS ✓ Compliant

BOMcheck.net





Item description

- M12 sensor/actuator box, 8-way
- 5-pole (2 signals per contact)
- Cable length 5m, 10m and 25 m
- Green LED operating indicator

- Yellow LED status indicator
- incl. tag labels (10 pcs)
- incl. M12 protective caps (2 pcs)

Data

Technical Data

Contact resistance max.	0.01 Ω
Supply voltage	DC 10 … 30 V; Bemessungsspannung: 32 V ~ eff.
Stromtragfähigkeit der Signalanschlüsse	2 A
Current carrying capacity of the supply connections	9 A
Bemessungswert der galvanischen Trennung	500 V
Funktional getrennte Potentialgruppen	Kontakt/Kontakt
Isolationswiderstand	1000 MΩ
Signal characteristic	PNP
Indicators	LED (A, B) yellow: Signal status (2 x per contact); LED (U) green: Sensor/actuator box status

Connection data

Connection technology: inputs / outputs	8 x M12 connectors, 5 poles, incl. PE
Anschlusstechnik: Stammleitung	1 x feste Anschlussleitung
Length of the connecting cable	5 m
Strip length	100 mm / 3.94 Inch
Colors of the leads	white, gray/pink, green, red/blue, yellow, white/green, gray, brown /green, pink, white/yellow, red, yellow/brown, black, white/gray, purple, gray/brown, green/yellow, brown, blue
Conductor cross section	Cross section of single conductor: 0.34 mm²; Cross section of single conductor (2): 1 mm²

Geometrical Data

Width	60 mm / 2.362 inch
Height	26 mm / 1.024 inch
Depth	152 mm / 5.984 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
Durchmesser der Mantelleitung	9.7 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 … +90 °C
Degree of protection	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	4045454028480
Customs Tariff No.	85366990990

Approvals / Certificates

UL-Approvals

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

Compatible products

Marking accessories

	Item no.: 210-110 Fiber-tip pen	www.wago.com/210-110
	Item no.: 757-011 Marker card; not stretchable; snap-on type	www.wago.com/757-011

General accessories

	Item no.: 756-8102 M12 protective cap; for unused sockets	www.wago.com/756-8102
	Item no.: 757-080 Spacer module for sensor/actuator box; 8-way	www.wago.com/757-080

Downloads

Documentation

Additional Information

Disposal; Electrical and electronic equipment, Packaging	Oct 15, 2018	265.8 kB	Download

System Description

Sensor/Actuator Boxes – General Product Information	Jun 6, 2017	357.7 kB	Download

smartDATA

CAD data

3D Download 757-285/000-005	URL	Download

Subject to changes.

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