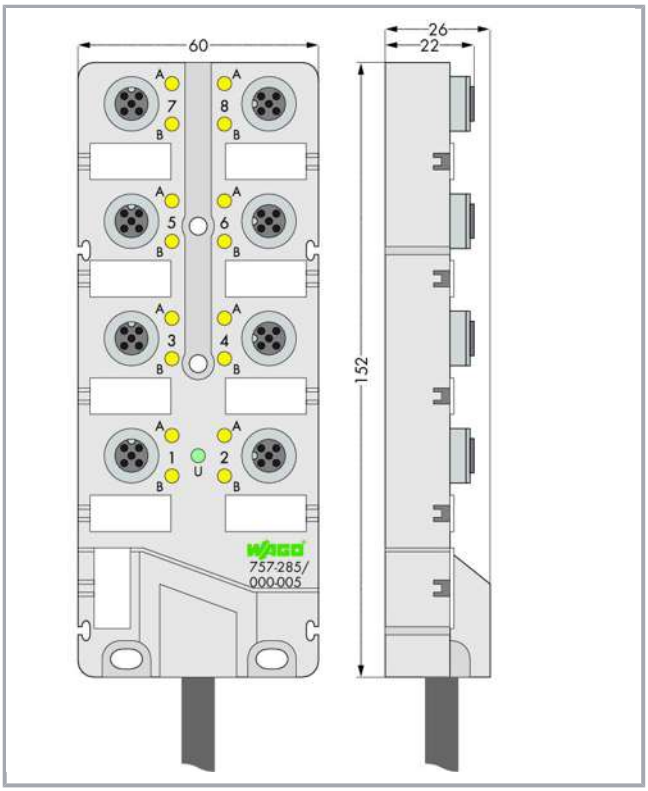
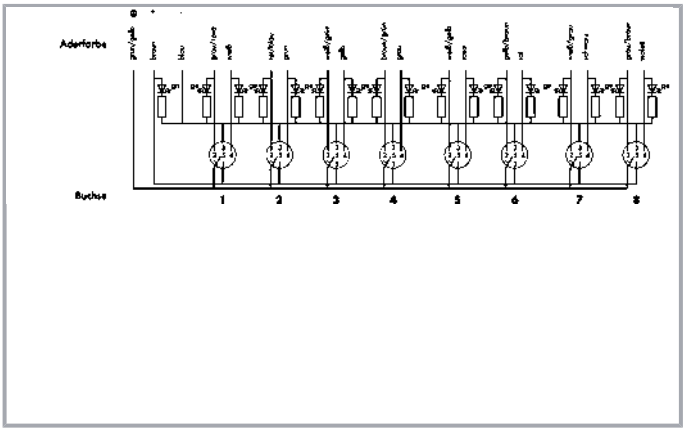
M12 sensor/actuator box; 8-way; 5-pole; 10m connecting cable

www.wago.com/757-285_000-010





Item description

Subject to changes. Please also observe the further product documentation!

WAGO Kontakttechnik GmbH & Co. KG
Hansastr. 27
32423 Minden
Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

- M12 sensor/actuator box, 8-way
- 5-pole (2 signals per contact)
- Cable length: 5, 10 and 25 m
- Green LED operating indicator
- Yellow LED status indicator
- incl. markers (10 pcs)
- incl. M12 protective caps (2 pcs)

Data

Technical Data

Contact resistance max.	0.01 Ω
Supply voltage	DC 10 … 30 V; Rated voltage: 32 V ~ rms
Current carrying capacity of the signal connections	2 A
Current carrying capacity of the supply connections	9 A
Bemessungswert der galvanischen Trennung	500 V
Funktional getrennte Potentialgruppen	Kontakt/Kontakt
Insulation resistance	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: In-/Outputs	8 x M12 socket; 5-pole; incl. ground
Connection technology: trunk cable	1 x Fixed connecting cable
Length of the connecting cable	10 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	Wire cross-section: 0,34 mm²; Wire cross-section (2): 1 mm²

Geometrical Data

Width	60 mm / 2.362 inch
Height	26 mm / 1.024 inch
Depth	152 mm / 5.984 inch

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Mechanical data

Mounting type	Screw mounting

Material Data

Housing material	PA 66 (UL 94 V0); RAL 7035; silicon and halogen free
Halogen-free	Yes
Cable diameter	9,7 mm
bending radius	10 x cable diameter (min.) for flexible application
Materialeigenschaften der Anschlüsse	Contact: CuSn, nickel base-coat plating and 0.8 µm gold-plated; Threaded bush: die-cast Zn, nickel-plated; Seal: Viton; 50 mating cycles
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
Note on protection class	72 h at a depth of 1 m under water per EN 60529 in the fully locked position with its plugs or protective caps
Degree of pollution (5)	3 per VDE 0110
Vibration resistance	per IEC 60068-2-6
Shock resistance	per IEC 60068-2-27

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4045454028503
Customs Tariff No.	85366990990

Approvals / Certificates

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name

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UL UL International Germany GmbH (ORDINARY LOCATIONS)	UL 508	E175199 Sec.5

Counterpart

Compatible products

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
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; white	www.wago.com/757-011

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-Data

CAD data

2D/3D Models 757-285/000-010	URL	Download

CAE data

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EPLAN Data Portal 757-285/000-010	URL	Download
WSCAD Universe 757-285/000-010	URL	Download

Installation Notes

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