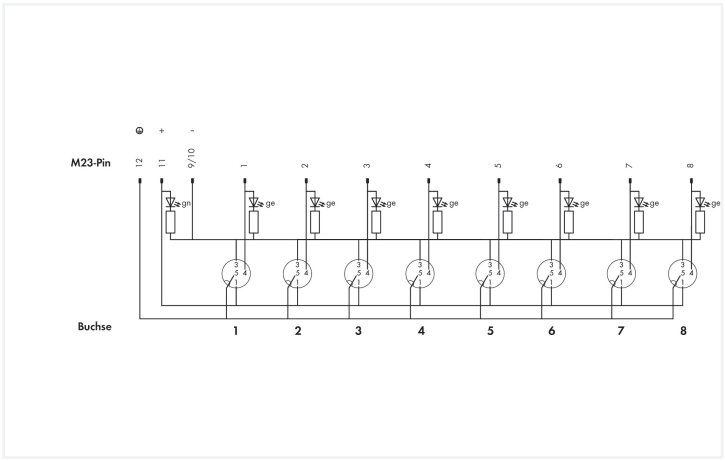
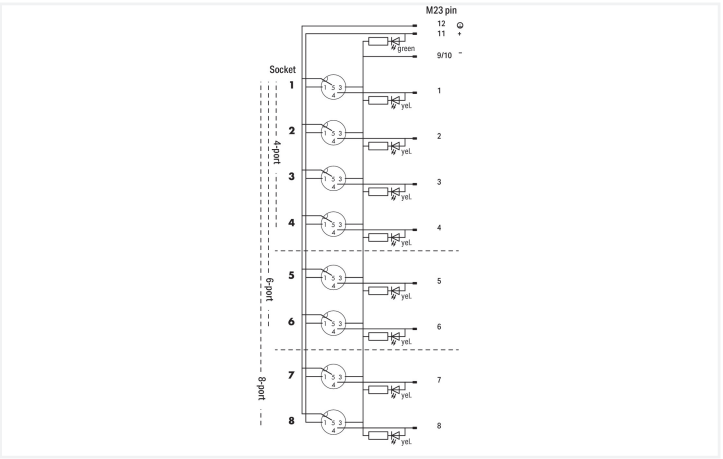
Data Sheet | Item Number: 757-184

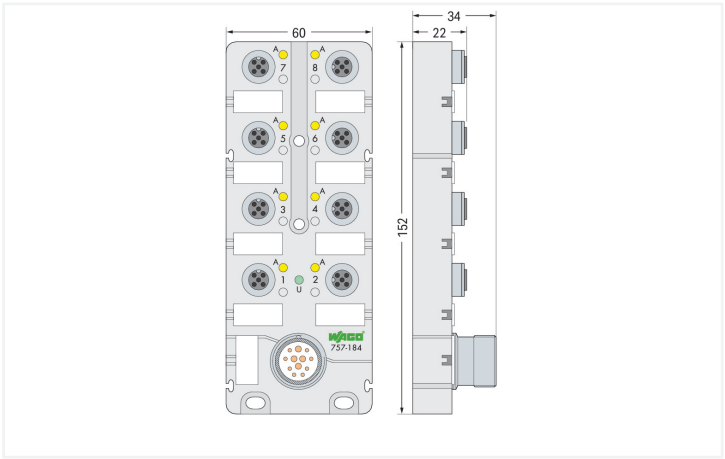
M12 sensor/actuator box; 8-way; 4-pole; M23 connector

https://www.wago.com/757-184









- M12 sensor/actuator box, 8-way
- 4-pole (1 signal per contact)
- M23 connector (12-pole)
- Green LED operating indicator
- Yellow LED status indicator
- incl. markers (10 pcs)
- incl. M12 protective caps (2 pcs)

Technical data	
Contact resistance (max.)	0.01 Ω
Supply voltage	10 … 30 VDC; Rated voltage: 32 V ~ rms
Current carrying capacity (signal connections)	2 A
Current carrying capacity (supply connections)	9 A
Rated value of electrical isolation	500 V
Functionally separated potential groups	Kontakt/Kontakt
Insulation resistance	>10^9 Ω
Signal characteristics	PNP
Indicators	LED (A) yellow: Signal status (1 x per contact); LED (U) green: Sensor/actuator box status

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Connection data

Connection technology: I/O	8 x M12 socket; 4-pole; incl. ground
Connection technology: trunk cable	1 x M23 plug; 12-pole

Physical data

Width	60 mm / 2.362 inches
Height	34 mm / 1.339 inches
Depth	152 mm / 5.984 inches

Mechanical data

Mounting type	Screw mount
Weight	240 g

Material data

Housing material	PA 66 (UL 94 V0); RAL 7035; silicon and halogen free
Material properties of the connections	Contact: CuSn, nickel base-coat plating and 0.8 µm gold-plated; Threaded bush: die-cast Zn, nickel-plated; Seal: Viton; 50 mating cycles
Encapsulation	Fully encapsulated with conformal coating (UL 94 V0)

Environmental requirements

Ambient temperature (operation)	-25 … +80 °C
Protection type	IP67
Note on protection type	Per EN 60529 (NEMA 6 & 6P) in the fully locked position with its plugs or protective caps
Pollution degree	3 per VDE 0110
Vibration resistance	Per IEC 60068-2-6
Shock resistance	per IEC 60068-2-27

Commercial data

Product Group	23 (I/O passive and accessories)
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821054313
Customs tariff number	85366990990

Product Classification

UNSPSC	39121421
eCl@ss 10.0	27-44-01-11
eCl@ss 9.0	27-44-01-08
ETIM 9.0	EC003558
ETIM 10.0	EC003558
ECCN	NO US CLASSIFICATION

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Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	57113334-c462-4e1e-b6d5-60bb3bafb959
SCIP notification number (Belgium)	f4f96668-6f09-483a-90c6-528ae1ba61f5
SCIP notification number (Bulgaria)	f41c8ed2-20bd-4c96-8e95-85c241dcf184
SCIP notification number (Czech Republic)	a533d49a-a102-48a6-aeb0-915bfb2d4635
SCIP notification number (Denmark)	5e33223e-bd9b-44b7-b60c-2c67a94dc85d
SCIP notification number (Finland)	358bdb95-e46a-4cf0-8676-cf3c9c104a8e
SCIP notification number (France)	41845d8b-bf7c-4d55-8d75-26b3e26a5860
SCIP notification number (Germany)	6c98dd7f-a8a1-402e-9320-84770dbbd1e7
SCIP notification number (Hungary)	970141e7-2b94-4fb1-8b21-7de14a8eb954
SCIP notification number (Italy)	de99d0ef-ad61-4430-9a5a-ea47750722f6
SCIP notification number (Netherlands)	4d51a996-e114-41a2-8c44-8496e2709a97
SCIP notification number (Poland)	363af7be-20a9-4b28-9e3f-082c479052c8
SCIP notification number (Romania)	c7852c80-fc9f-47ba-9710-5cd9b083e72b
SCIP notification number (Sweden)	0022180d-2cd1-437b-96c5-cd99568e1341

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
UL UL International Germany GmbH (ORDINARY LOCATIONS)	UL 508	E175199 Sec.5

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 757-184

Documentation

System Description

Sensor/Actuator Boxes – General Product Information	pdf 428.34 KB	

CAD/CAE-Data

CAD data

2D/3D Models 757-184

CAE data

EPLAN Data Portal
757-184

WSCAD Universe
757-184

ZUKEN Portal 757-184

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cables and connectors

1.1.1.1 Interconnecting cable



Item No.: 756-3201/120-100
Connecting cable; 12-pole; Length: 10 m



Item No.: 756-3202/120-100
Connecting cable; 12-pole; Length: 10 m



Item No.: 756-3201/120-150
Connecting cable; 12-pole; Length: 15 m



Item No.: 756-3202/120-150
Connecting cable; 12-pole; Length: 15 m



Item No.: 756-3201/120-050
Connecting cable; 12-pole; Length: 5 m



Item No.: 756-3202/120-050
Connecting cable; 12-pole; Length: 5 m

1.1.2 Cover

1.1.2.1 Cover



Item No.: 756-8102
M12 protective cap; for unused sockets

1.1.3 Installation

1.1.3.1 Intermediate plate



Item No.: 757-080
Spacer module for sensor/actuator box; 8-way

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1.1.4 Marking

1.1.4.1 Marking device



Item No.: 210-110
Fiber-tip pen

1.1.4.2 Marking strip



Item No.: 757-011
Marker card; not stretchable; snap-on type