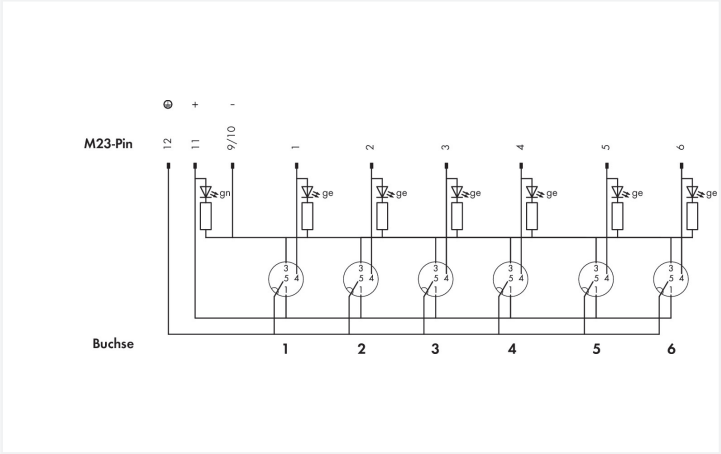
Data Sheet | Item Number: 757-164

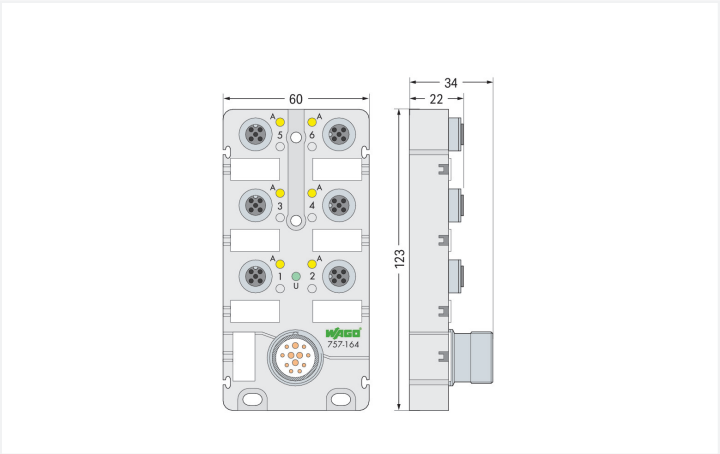
M12 sensor/actuator box; 6-way; 4-pole; M23 connector

https://www.wago.com/757-164





Similar to illustration



- M12 sensor/actuator box, 6-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	6 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	123 mm / 4.843 inches

Mechanical data

Mounting type	Screw mount
Weight	195 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

PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821054290
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)	0eba7b55-0c35-4b32-9335-d0114961970e
SCIP notification number (Belgium)	1b37e433-1351-4f0c-8bbf-27350d26dd3e
SCIP notification number (Bulgaria)	8421cbb3-be38-47b8-9582-e1c2a06a90d6
SCIP notification number (Czech Republic)	7bd637ce-8944-428e-a4f8-ec23460634ee
SCIP notification number (Denmark)	e5b2ec1e-be55-4926-912c-9321a337b772
SCIP notification number (Finland)	be43c6dc-e867-4103-b7f0-3597cba464e5
SCIP notification number (France)	ef08c6cf-518c-42f3-b60b-e3babb3e4e35
SCIP notification number (Germany)	825a7886-9dd4-4dc6-911c-e943a2110070
SCIP notification number (Hungary)	b3d2cd58-562b-4943-b2c1-5ab7be0c631b
SCIP notification number (Italy)	851bd862-c1a1-4232-bfd3-ad2dc036f93d
SCIP notification number (Netherlands)	1a2573cc-b74f-4538-8dad-ea1d93b48a2a
SCIP notification number (Poland)	0a171249-3c04-40d0-8ff7-8124285f7d1a
SCIP notification number (Romania)	d8d6cfab-adc8-4a4e-b4c8-3a2eb8e34609
SCIP notification number (Sweden)	2e3b824f-88f3-4da6-a312-b94249da3c7e

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 757-164

Documentation

System Description

Sensor/Actuator Boxes – General Product Information	pdf 428.34 KB	

CAD/CAE-Data

CAD data

2D/3D Models 757-164

CAE data

EPLAN Data Portal
757-164

WSCAD Universe
757-164

ZUKEN Portal 757-164

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.: 757-060
Spacer module for sensor/actuator box; 6-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