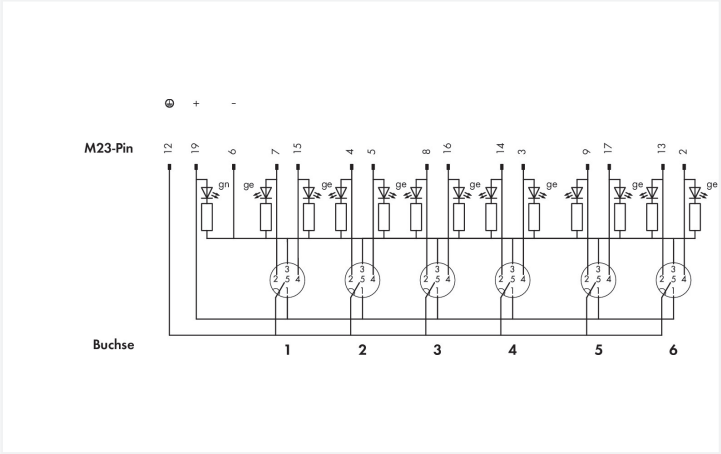
Data Sheet | Item Number: 757-165

M12 sensor/actuator box; 6-way; 5-pole; M23 connector

https://www.wago.com/757-165





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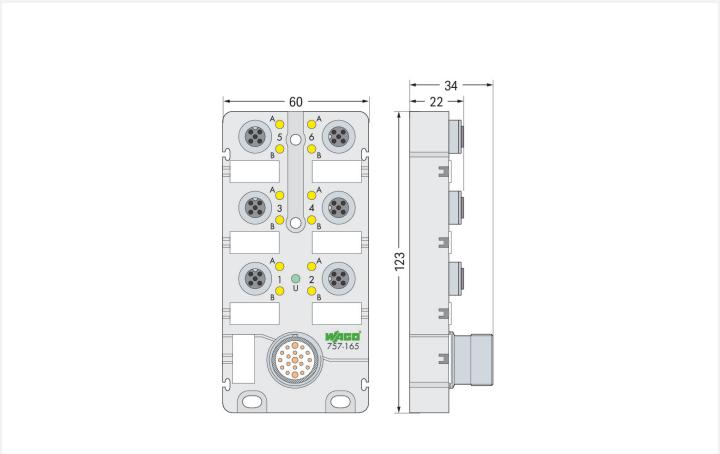

- M12 sensor/actuator box, 6-way
- 5-pole (2 signals per contact)
- M23 connector (19-pole)
- Green LED operating indicator
- Yellow LED status indicator
- incl. markers (10 pcs)
- incl. M12 protective caps (2 pcs)

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, B) yellow: Signal status (2 x per contact); LED (U) green: Sensor/actuator box status

Connection data

Connection technology: I/O	6 x M12 socket; 5-pole; incl. ground
Connection technology: trunk cable	1 x M23 plug; 19-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	4050821054337
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

Continued on next page

Environmental Product Compliance

RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	48d7bc4c-ba6a-4f20-87c3-6607daea1108
SCIP notification number (Belgium)	250b57dd-919b-4eb7-9964-b5badafdf951
SCIP notification number (Bulgaria)	e1fcbbd2-263a-42d4-9090-27cae372fac5
SCIP notification number (Czech Republic)	61339c62-c903-4020-9bdb-ef52e9c8814d
SCIP notification number (Denmark)	8ddb1b9e-a2d6-4982-b549-7746043bb3d2
SCIP notification number (Finland)	31fe8553-98f0-4391-9f19-5092180ffd65
SCIP notification number (France)	de61bf34-9c96-426c-923f-b3e8419576c1
SCIP notification number (Germany)	e67143f1-6df1-4eae-b682-85d4c121b2f4
SCIP notification number (Hungary)	3b07d83d-82cd-4dbe-9286-4f1a9193d628
SCIP notification number (Italy)	b2e3c96c-37a9-45e2-96a1-6114875371c7
SCIP notification number (Netherlands)	4bb3eac7-0a24-49df-bab7-30416c219c23
SCIP notification number (Poland)	c616ebfe-11ba-46cc-8bf4-36c7295209f6
SCIP notification number (Romania)	3f060f5d-aa61-4ac1-b8b9-6e577a32f31a
SCIP notification number (Sweden)	e1532ffe-4edb-4c9e-aa5f-bd49ba45cd39

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 757-165

Documentation

System Description

Sensor/Actuator Boxes – General Product Information	pdf 428.34 KB	

CAD/CAE-Data

CAD data

2D/3D Models 757-165

CAE data

EPLAN Data Portal
757-165

WSCAD Universe
757-165

ZUKEN Portal 757-165

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cables and connectors

1.1.1.1 Interconnecting cable



Item No.: 756-3203/190-100
Connecting cable; 19-pole; Length: 10 m



Item No.: 756-3204/190-100
Connecting cable; 19-pole; Length: 10 m



Item No.: 756-3203/190-150
Connecting cable; 19-pole; Length: 15 m



Item No.: 756-3204/190-150
Connecting cable; 19-pole; Length: 15 m



Item No.: 756-3203/190-050
Connecting cable; 19-pole; Length: 5 m



Item No.: 756-3204/190-050
Connecting cable; 19-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

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