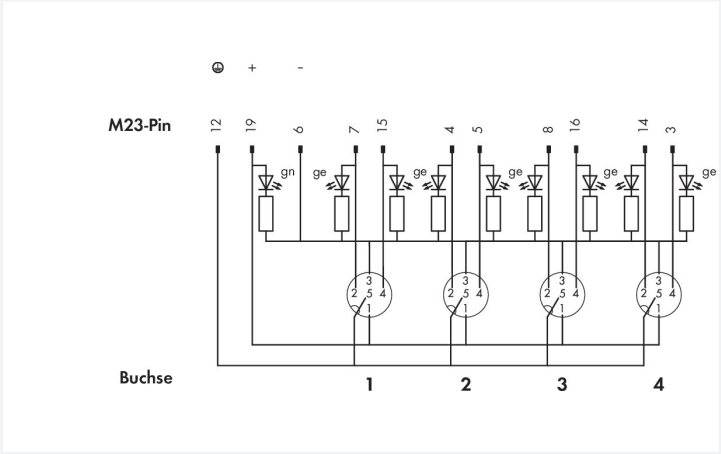
Data Sheet | Item Number: 757-145

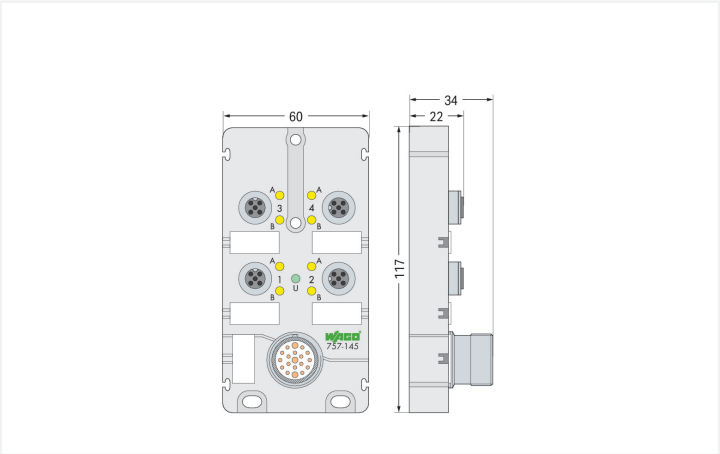
M12 sensor/actuator box; 4-way; 5-pole; M23 connector

https://www.wago.com/757-145





Similar to illustration



- M12 sensor/actuator box, 4-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

Continued on next page

Connection data

Connection technology: I/O	4 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	117 mm / 4.606 inches

Mechanical data

Mounting type	Screw mount
Weight	180 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	4050821054320
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)	882759e1-a36b-499b-916f-247450657de5
SCIP notification number (Belgium)	8a464a7f-2d7f-4d37-814c-83b65229c247
SCIP notification number (Bulgaria)	01a50952-e6d3-4160-b791-9509e7b97355
SCIP notification number (Czech Republic)	c7a80c68-349e-4074-ab51-a0da66affdee
SCIP notification number (Denmark)	d1f6f1b9-7cb2-4288-ab3a-000ca8a4c89c
SCIP notification number (Finland)	7ef3e88e-d238-4f44-8175-4bd82554ba37
SCIP notification number (France)	2bf32775-7c12-4741-a83e-867965009337
SCIP notification number (Germany)	cf913ed0-f0c9-4677-ba3a-3b716098f2e7
SCIP notification number (Hungary)	50b3dc3b-ee3d-4109-b25e-e0d401b4be88
SCIP notification number (Italy)	d519106d-9736-40a3-8efc-113d7d137112
SCIP notification number (Netherlands)	5b8485e0-83b5-4ddc-828e-95f93bcdf6ed
SCIP notification number (Poland)	16955bad-7c22-4465-8f4f-20183c9f542f
SCIP notification number (Romania)	0e9c7cd0-74b2-4966-8f1d-14e9e04382ee
SCIP notification number (Sweden)	ff04c19f-a2ac-4abc-b2b0-e687f9820962

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 757-145

Documentation

System Description

Sensor/Actuator Boxes – General Product Information	pdf 428.34 KB	

CAD/CAE-Data

CAD data

2D/3D Models 757-145

CAE data

EPLAN Data Portal
757-145

WSCAD Universe
757-145

ZUKEN Portal 757-145

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.: 757-040
Spacer module for sensor/actuator box; 4-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