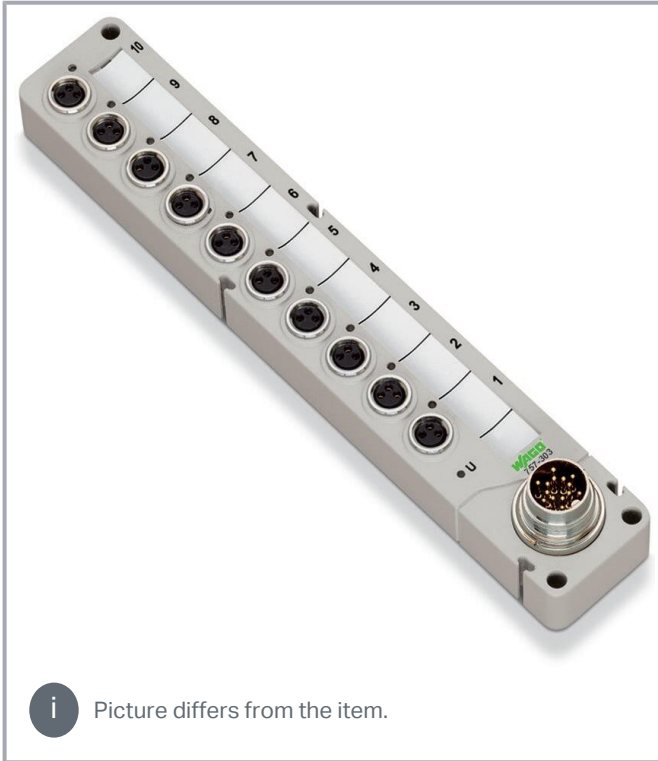


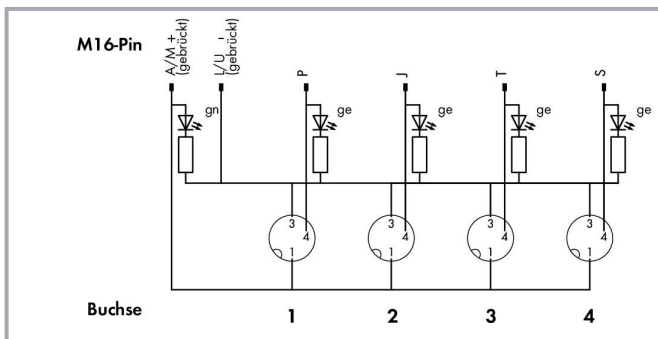
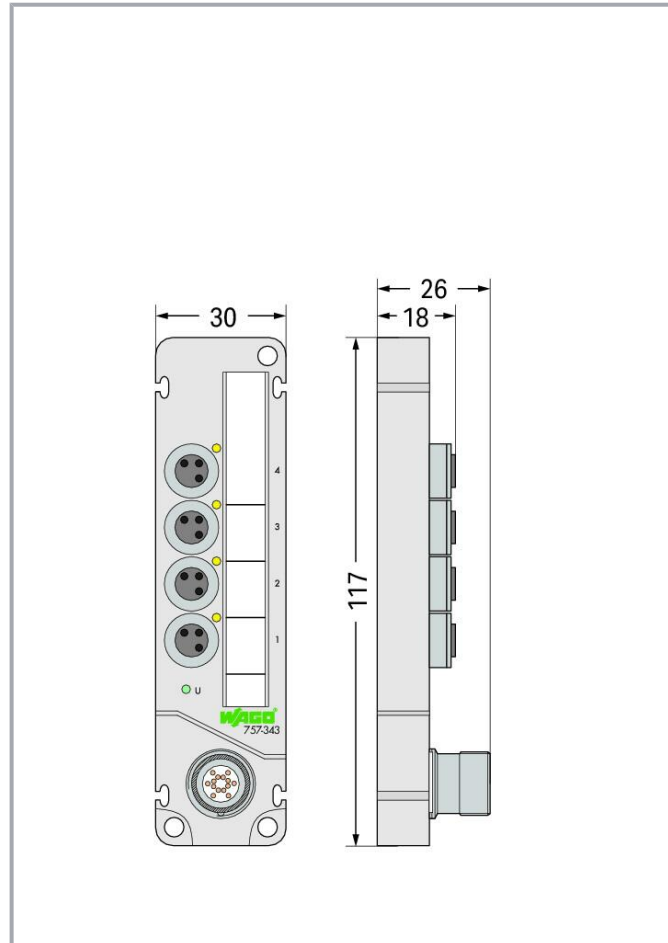
Data sheet | Item number: 757-343

M8 sensor/actuator box; 4-way; 3-pole; M16 connector

www.wago.com/757-343



 Picture differs from the item.



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

WAGO GmbH & Co. KG
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Item description

- M8 sensor/actuator box, 4-way
- 3-pole (1 signal per contact)
- M16 connector (14-pole)
- Green LED operating indicator
- Yellow LED status indicator
- incl. marking strips (WMB markers can also be used)
- incl. M8 protective caps (2 pcs)

Data

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)	6 A
Rated value of electrical isolation	500 V
Functionally separated potential groups	Kontakt/Kontakt
Insulation resistance	$>10^9 \Omega$
Signal characteristics	PNP
Indicators	LED yellow: Signal status (1 x per contact); LED (U) green: Sensor /actuator box status

Connection data

Connection technology: inputs/outputs	4 x M8 socket; 3-pole
Connection technology: trunk cable	1 x M16 plug; 14-pole

Physical data

Width	30 mm / 1.181 inches
Height	26 mm / 1.024 inches
Depth	117 mm / 4.606 inches

Mechanical data

Mounting type	Screw mounting
Weight	110 g

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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 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)
eCl@ss 10.0	27-44-01-11
eCl@ss 9.0	27-44-01-08
ETIM 9.0	EC003558
ETIM 8.0	EC003558
Recupel Type	
ECCN	NO DATA
PU (SPU)	1 pcs
Packaging type	box
Country of origin	DE
GTIN	4044918978675
Customs tariff number	85366990990

Environmental Product Compliance

CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant, With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	da7addac-0ec0-4e12-9261-7c2a65dbb6a6
SCIP notification number (Belgium)	cb633441-8f18-40f7-bef3-d10ea0f7a145

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SCIP notification number (Bulgaria)	38cd60a2-a216-40de-9aeb-05f6bdd9bbdd
SCIP notification number (Czech Republic)	65d52d10-0cb2-4b2e-8ddd-d4dc2aebb184
SCIP notification number (Denmark)	2c1eb537-33a3-4a52-a64f-1545e5e196e6
SCIP notification number (Finland)	f53aef11-8186-41db-865c-67556d36abb5
SCIP notification number (France)	8d346425-3c8f-458e-af6e-6f8a7a9fafd9
SCIP notification number (Germany)	b82edaf8-0600-4cdf-9f84-a6ebc51d6370
SCIP notification number (Hungary)	9452c66b-f896-4ad7-a524-eed567bb4a3e
SCIP notification number (Italy)	64a49190-a5d6-4152-8355-292f7ba0e525
SCIP notification number (Netherlands)	30921a41-bb6f-46b3-a842-37b6d0710f13
SCIP notification number (Poland)	c29bf13c-e3c9-4269-96db-5fd7805e628a
SCIP notification number (Romania)	81980156-e6b1-4309-9a5f-57dc63ac8f6c
SCIP notification number (Sweden)	bab6a295-19e3-4f75-b2bf-c9cc292b8c75

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL UL International Germany GmbH (ORDINARY LOCATIONS)	UL 508	E175199 Sec.5

Optional accessories

Cables and pluggable connectors

Interconnecting cable

	Item no.: 756-3206/140-050 M16 cable; M16 socket; angled; 14-pole; Length: 5 m	www.wago.com/756-3206/140-050
	Item no.: 756-3205/140-150 M16 cable; M16 socket; straight; 14-pole; Length: 15 m	www.wago.com/756-3205/140-150
	Item no.: 756-3206/140-100 M16 cable; M16 socket; angled; 14-pole; Length: 10 m	www.wago.com/756-3206/140-100
	Item no.: 756-3206/140-150 M16 cable; M16 socket; angled; 14-pole; Length: 15 m	www.wago.com/756-3206/140-150

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Item no.: 756-3205/140-100
M16 cable; M16 socket; straight; 14-pole; Length: 10 m

www.wago.com/756-3205/140-100



Item no.: 756-3205/140-050
M16 cable; M16 socket; straight; 14-pole; Length: 5 m

www.wago.com/756-3205/140-050

Cover

Cover



Item no.: 756-8101
M8 protective cap; for unused sockets

www.wago.com/756-8101

Mounting

Intermediate plate



Item no.: 757-040
Spacer module for sensor/actuator box; 4-way

www.wago.com/757-040

Marking accessories

Marking strip



Item no.: 757-041
Marking strips; cut to a defined length; not stretchable; plain; snap-on type

www.wago.com/757-041

Marking device



Item no.: 210-110
Fiber-tip pen

www.wago.com/210-110

Downloads

Documentation

System Description

Sensor/Actuator Boxes – General Product Information

pdf
438.6 kB

[Download](#)

Additional Information

Disposal and Recycling
Electrical and electronic equipment, Batteries, Packaging

V 1.1.0
Aug 18, 2022

pdf
2.2 MB

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CAD/CAE-Data

CAD data

2D/3D Models 757-343

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CAE data

WSCAD Universe 757-343	URL	Download
ZUKEN Portal 757-343	URL	Download
EPLAN Data Portal 757-343	URL	Download
Asset Administration Shell		
Asset Administration Shell 757-343	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 757-343	URL	Download
M8 sensor/actuator box; 4-way; 3-pole; M16 connector		

Installation Notes

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