

Basic features

Approval/Conformity	CE WEEE
Component	Base
Function	Signal transmission

Display/Operation

Function indicator	yes
InZone indicator	yes
Power indicator	yes

Electrical connection

Cable length L	0.2 m
Connection	M12x1, 12-pin
Connection type	Connector, 0.20 m, PUR
Short-circuit protection	yes

Electrical data

Current load per output max.	200 mA
Rated operating current I _e	1000 mA
Rated operating voltage U _e DC	24 V
Ready delay t _v max.	100 ms
Ripple max. (% of U _e)	10 %
Signal type	unidirectional
Switching frequency	60 Hz
Transmission power	12.0 W

Environmental conditions

Ambient temperature	-5...65 °C
Interference immunity	EN 61000-4-2/3/4/6
Protection degree	IP67
Storage temperature	-25...70 °C

Functional safety

MTTF (40 °C)	181 a
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Material

Housing material	PBTP
Material jacket	PUR
Material sensing surface	PBTP

Mechanical data

Dimension	40 x 40 x 52 mm
Installation	non-flush
Tightening torque pigtail	0.6 Nm

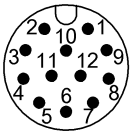
Output/Interface

Digital outputs	8x PNP
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Range/Distance

Range	0...5 mm
Transmission distance	0...5 mm

Connector Drawings



- PIN 1: +24V
- PIN 2: 0V
- PIN 3: Output 1
- PIN 4: Output 2
- PIN 5: Output 3
- PIN 6: Output 4
- PIN 7: Output 5
- PIN 8: Output 6
- PIN 9: Output 7
- PIN10: Output 8
- PIN 11: In Zone
- PIN12: n.c.