

PSEN rd1.2 sensor

6B000003



Radar sensor, 5 m operating range, PL d (Cat. 3) in accordance with ENISO 13849

Technical details

General data

Approval:	RED, CE, TÜV
:	4
Sensor principle:	FMCW radar
Operating range warning zone:	5 m
Operating range safety zone:	5 m
Number of zone configurations:	32

Technical data

Electrical data

Source of internal voltage:	Via control unit
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Optical data

Environmental data

Ambient temperature:	-30 - 60 °C
Humidity rating:	Max. 95 %
Condensation permitted?:	Not permitted
Pollution degree clear.&creep.:	4

Times

Reaction time:	100 ms
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Mechanical data

Max. cable length:	25 m
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Height dimension:	85 mm
Height with bracket:	107.4 mm
Width dimension:	85 mm
Dimension w with bracket:	158 mm
Depth dimension:	107.4 mm
Net weight:	289 g
Gross weight:	492 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	6c
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead
%-part of the pollutant:	> 0,1
CAS No.:	7439-92-1
WEEE classification (08/2018):	5 devices (feed size < 50cm)

Obligatory accessories



C1000049

Cable/CA/M12-5AFX/M12-5AM/A/010/XXXX/SH



C1000048

Cable/CA/M12-5AFX/M12-5AM/A/005/XXXX/SH



C1000058

Connector/CA/M12-5SMX/A/TR



C1000047

Cable/CA/M12-5AFX/M12-5AM/A/003/XXXX/SH



C1000046

Cable/CA/M12-5AFX/A/015/XXXX/SH



C1000050

Cable/CA/M12-5AFX/M12-5AM/A/015/XXXX/SH



C1000045

Cable/CA/M12-5AFX/A/010/XXXX/SH



C1000044

Cable/CA/M12-5AFX/A/005/XXXX/SH