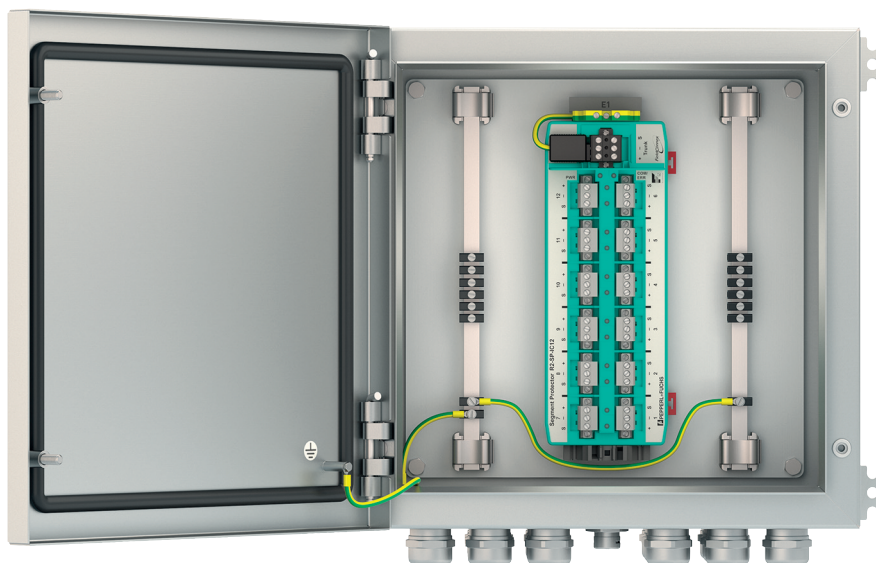


Technical Data

Impact resistance	7J
Mechanical specifications	
Enclosure cover	Hinged door with captive retaining screws
Degree of protection	IP66
Cable entry	cable gland and stopping plug options see separate table
Material	
Housing	Stainless steel 1.4404 / AISI 316L
Surface	brushed
Seal	Silicone, fire-resistant, one piece, foamed
Material thickness	enclosure body, enclosure cover, mounting plate: 1.5 mm
Dimensions	(W x H x D) 310 mm x 310 mm x 160 mm (SRM.31.31.16) 380 mm x 380 mm x 220 mm (SRM.38.38.22)
Mounting	thru-holes Ø 7 mm
Grounding	grounding bolt M6 , brass, nickel-plated
Data for application in connection with hazardous areas	
Certificate	PTB 17 ATEX 1011 X
Marking	Ⓜ II 3G Ex eb nA [ic] IIC T4 Gc Ⓜ II 3D Ex tc [ic] IIIC T135°C Dc
Directive conformity	
Directive 2014/34/EU	EN IEC 60079-0:2018+AC:2020 , EN 60079-1:2014+AC:2018 , EN IEC 60079-7:2015+A1:2018 , EN 60079-11:2012 , EN 60079-18:2015+Cor.2018 , EN 60079-31:2014
International approvals	
IECEx approval	IECEx PTB 09.0016 X
EAC approval	TC RU C-IT.GB05.B.00915
General information	
Supplementary information	Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see www.pepperl-fuchs.com .

Assembly



Release date: 2022-07-04 Date of issue: 2022-07-04 Filename: t202514_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0002
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
pa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS

Type Code

1	2	3	4	5	6	7	8	9	10	11	12							
F.SP5	.	T**	.	*	**	.	1	.	*	.	***	.	***	.	*	*	0	0

Example:
F.SP5.T13.B12.1.0.H02.H02.A100

1	Electronic type
F.SP5	Segment Protector Junction Box

2	Enclosure material - W x H x D
T13	Stainless steel 3.16 - brushed - 310 x 310 x 160 mm (SRM.31.31.16)
T20	Stainless steel 3.16 - brushed - 380 x 380 x 220 mm (SRM.38.38.22)

3	Certification
B	ATEX (Zone 2 + Zone 22)
D	IECEX (Zone 2 + Zone 22)
H	ATEX + IECEX (Zone 2 + Zone 22)

4	Channels
04	4 channels
06	6 channels
08	8 channels
10	10 channels
12	12 channels
16	2 x 8 channels
20	2 x 10 channels
24	2 x 12 channels

5	Fieldbus type
1	Suitable for FOUNDATION Fieldbus H1 and PROFIBUS PA

6	Spur terminals
0	Screw terminals
3	Spring terminals

7	Trunk entries
GP2	Cable gland M20, polyamide, Ex e, IP66, black
GB2	Cable gland M20, nickel-plated brass, Ex e, IP66
GS2	Cable gland, M20, stainless steel, Ex e, IP66
GN2	Cable gland M20, nickel-plated brass, Ex de, IP66, for armoured cable
GA2	Cable gland M20, stainless steel, Ex de, IP66, for armoured cable
H02	Stopping plug M20, polyamide, Ex e, IP66
H03	Stopping plug M20, nickel-plated brass, Ex de, IP66
H04	Stopping plug M20, stainless steel, Ex de, IP66

8	Spur entries
GP2	Cable gland M20, polyamide, Ex e, IP66, blue
GB2	Cable gland M20, nickel-plated brass, Ex e, IP66
GS2	Cable gland, M20, stainless steel, Ex e, IP66
GN2	Cable gland M20, nickel-plated brass, Ex de, IP66, for armoured cable
GA2	Cable gland M20, stainless steel, Ex de, IP66, for armoured cable
H02	Stopping plug M20, polyamide, Ex e, IP66
H03	Stopping plug M20, nickel-plated brass, Ex de, IP66
H04	Stopping plug M20, stainless steel, Ex de, IP66

9	Tag plate
0	None
A	Plastic, 120 x 30 mm
B	Stainless steel, 120 x 30 mm
C	Plastic, 95 x 20 mm
D	Stainless steel, 95 x 20 mm

10	Grounding bar
0	None
1	With grounding bar, connected to equipotential bonding
2	With grounding bar, isolated

11	Surge protection
0	No surge protection

Release date: 2022-07-04 Date of issue: 2022-07-04 Filename: 1202514_eng.pdf

Type Code

11	Surge protection
4	Surge protection for trunk (TCP-LBF-IA1.36.IE.0)
5	Surge protection for spurs (SCP-LBF-IA1.36.IE.0)
6	Surge protection for trunk with diagnosis (TCP-LBF-IA1.36.IE.1)
7	Surge protection for spurs with diagnosis (SCP-LBF-IA1.36.IE.1)
9	Surge protection for trunk (TCP-LBF-IA1.36.IE.0) and spurs (SCP-LBF-IA1.36.IE.0)
B	Surge protection for trunk with diagnosis (TCP-LBF-IA1.36.IE.1) and spurs
C	Surge protection for trunk (TCP-LBF-IA1.36.IE.0) and spurs with diagnosis (SCP-LBF-IA1.36.IE.1)
D	Surge protection for trunk with diagnosis (TCP-LBF-IA1.36.IE.1) and spurs with diagnosis (SCP-LBF-IA1.36.IE.1)
12	Additional accessories
0	None
L	Enclosure leakage sensor (ELS-1)
D	Document pocket (DIN A4), does not fit all enclosure sizes
5	Enclosure leakage sensor (ELS-1) and document pocket (DIN A4)

Product Versions

Cable Gland Versions

Type	Cable gland					Stopping plug		
	GP2	GB2	GS2	GN2	GA2	H02	H03	H04
Mechanical specifications								
Degree of protection	IP66	IP66	IP66	IP66	IP66	IP66	IP66	IP66
Material	polyamide	nickel-plated brass	stainless steel	nickel plated brass	stainless steel	polyamide	nickel-plated brass	stainless steel
Thread	M20	M20	M20	M20	M20	M20	M20	M20
Inner sheath (mm)	–	–	–	6 ... 11	6 ... 11	–	–	–
Outer sheath (mm)	6 ... 12	4 ... 12	4 ... 12	8 ... 15	8 ... 15	–	–	–
Cable								
Suitable for armored cable	no	no	no	yes	yes	–	–	–
Data for application with hazardous areas								
Type of protection	Ex e	Ex de	Ex de	Ex de	Ex de	Ex e	Ex de	Ex de