



# Stopping Plugs, Plastic

## SP.PE.\*.PA.C

- Stopping plug for unused cable entries
- High impact-resistant polyamide material
- Ex eb and Ex tb certified
- Suitable for operation in Zone 1, Zone 2, Zone 21 and Zone 22
- Full impact resistance of 7 J according to IEC/EN 60079-0 for the full range without limitations



### Function

The plastic stopping plugs type SP.PE\* are suitable for safely closing openings and holes for cable entries that are not used in enclosures certified according to type of protection Ex e or Ex tb.

### Technical Data

#### Mechanical specifications

Thread type	metric ISO pitch 1.5 mm
Thread size (TD)	see data table
Degree of protection	IP66 / IP68
Material	
Finish	inherent color black
Washer gasket	flat chloroprene gasket
Stopping plug	high impact-resistant polyamide
Mass	see data table
Dimensions	see data table

#### Ambient conditions

Ambient temperature	chloroprene seal: -40 ... 70 °C (-40 ... 158 °F) silicone seal: -60 ... 70 °C (-76 ... 158 °F)
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#### Data for application in connection with hazardous areas

EU-type examination certificate	IMQ 15 ATEX 006X
Marking	⊕ II 2 GD Ex eb IIC Gb Ex tb IIIC Db

#### International approvals

IECEX approval	IECEX IMQ 15.0001X
UKCA approval	CML 22 UKEX 31379X
INMETRO approval	DNV 20.0032 X
CCC approval	2021312313000455

#### Conformity

Degree of protection	EN 60529
CE marking	0102

#### General information

Scope of delivery	Knn - packing unit with multiple components: Stopping Plugs , Brief instructions (1 copy)
Supplementary information	EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> .

Release date: 2023-09-01 Date of issue: 2023-09-01 Filename: t174123\_eng.pdf

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

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PEPPERL+FUCHS

**Type Code**

<b>1</b>		<b>2</b>		<b>3</b>		<b>4</b>		<b>5</b>		<b>6</b>		<b>7</b>
SP	.	PE	.	***	.	**	.	*	.	**	.	K**
SP	.	PE	.	M20	.	PA	.	C	.	15	.	K50

Example: SP.PE.M20.PA.C.15.K50

Stopping plug, plastic, thread size M20, body polyamide, chloroprene seal for -40 °C ... 70 °C, installation thread length 15 mm, fifty pieces

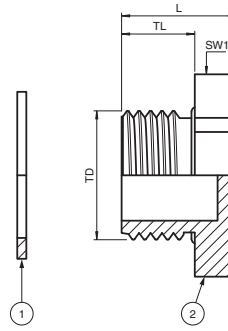
<b>1</b>	<b>Series</b>
SP	stopping plugs
<b>2</b>	<b>Type</b>
PE	plastic, black
<b>3</b>	<b>Thread, type and size</b>
M*	metric ISO pitch 1.5; sizes see dimensions data table
<b>4</b>	<b>Material</b>
PA	polyamide
<b>5</b>	<b>Material seals / O-Ring</b>
C	chloroprene / neoprene
<b>6</b>	<b>Thread length for installation in enclosure</b>
**	length in mm
<b>7</b>	<b>Packaging unit</b>
	units not packaged, for use in Pepperl+Fuchs Solution Engineering Centers
K**	units quantity per package

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**Dimensions**

Legend	
1	Washer gasket
2	Stopping plug
L	Total length
SW*	Width across flats
TD	Thread size
TL	Thread length



Type	Thread size	Dimensions [mm]			Mass approx.		Diameter thru-hole [mm]	Nut torques [Nm]		Delivery quantity
	TD	L	TL	SW1	Component	Packaging unit	TD	SW1		
SP.PE.M12.PA.C.10.K50	M12	15	10	15	1.5 g	102 g	12 ... 12.2	1.5	50	
SP.PE.M16.PA.C.15.K50	M16	19.3	15	19	4 g	161 g	16 ... 16.2	1.5	50	
SP.PE.M20.PA.C.15.K50	M20	21	15	23	6 g	261 g	20 ... 20.2	2	50	
SP.PE.M25.PA.C.15.K25	M25	20.8	15	28	7.5 g	175 g	25 ... 25.2	2.5	25	
SP.PE.M32.PA.C.15.K20	M32	22.8	15	36	12 g	275 g	32 ... 32.3	4	20	
SP.PE.M40.PA.C.18.K10	M40	26.5	18	46	22 g	220 g	40 ... 40.3	6	10	
SP.PE.M50.PA.C.18.K05	M50	27.5	18	55	34 g	170 g	50 ... 50.3	8	5	
SP.PE.M63.PA.C.18.K05	M63	27.5	18	69	52 g	260 g	63 ... 63.3	10	5	

\*Knn: scope of delivery see table technical data

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