

Push-in fitting, push-in cartridge QSP

FESTO



Characteristics

At a glance

- Cartridges, nickel-plated brass
- Blanking plug and adapter, polymer
- Operating medium: compressed air, vacuum

Type code

001	Series	
QSP10	Cartridge	
QSP14	Cartridge	
QSP17	Cartridge	
QSPC	Cartridge	

002	Pneumatic connection 1	
10	Cartridge 10 mm	
14	Cartridge 14 mm	
17	Cartridge 17 mm	

003	Pneumatic connection 2	
	None	
1/8	Male thread G1/8	
4	For tubing O.D. 4 mm	
6	For tubing O.D. 6 mm	

004	Version	
	Metal	
PTB	Polymer	

Datasheet

General technical data – Cartridge

Pneumatic connection, port 1	Cartridge 10 mm
Pneumatic connection, port 2	For tubing outside diameter of 4 mm For tubing outside diameter of 6 mm
Design	Push-pull principle
Mounting position	optional
Type of seal on screwed plug	O-ring

General technical data – Blanking plugs

Mounting position	optional
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Operating and environmental conditions – Cartridge

Operating pressure complete	-0.95 ... 10 bar
temperature range	
Operating medium	Compressed air to ISO 8573-1:2010 [7:::]
Note on operating and pilot medium	Lubricated operation possible
Ambient temperature	0 ... 60°C
Corrosion resistance class CRC ¹⁾	1 - Low corrosion stress
Maritime classification ²⁾	–

1) More information www.festo.com/x/topic/crc

2) More information www.festo.com/catalogue/qs → Support/Downloads

Operating and environmental conditions – Blanking plug

Operating pressure complete	0 ... 10 bar
temperature range	
Operating medium	Compressed air to ISO 8573-1:2010 [7:::]
Note on operating and pilot medium	Lubricated operation possible
Ambient temperature	-10 ... 60°C
Corrosion resistance class CRC ¹⁾	0 - No corrosion stress
Maritime classification ²⁾	See certificate

1) More information www.festo.com/x/topic/crc

2) More information www.festo.com/catalogue/qs → Support/Downloads

Operating and environmental conditions – Adapter

Corrosion resistance class CRC ¹⁾	0 - No corrosion stress
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1) More information www.festo.com/x/topic/crc

Materials – Cartridge

Material housing	Brass, nickel-plated
Colour of release ring	Blue
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L

Materials – Blanking plugs

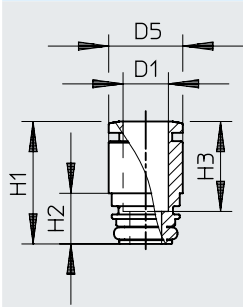
Short type code	QSP	QSPC
Material housing	PA	–
Material tubing seal	NBR	–
Material blanking plug	–	POM
Material o-ring	–	NBR
Note on materials	RoHS-compliant	
LABS (PWIS) conformity	VDMA24364-B1/B2-L	

Datasheet

Materials – Adapter	
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L

Dimensions

Dimensions – Cartridge QSP10 Download CAD data www.festo.com

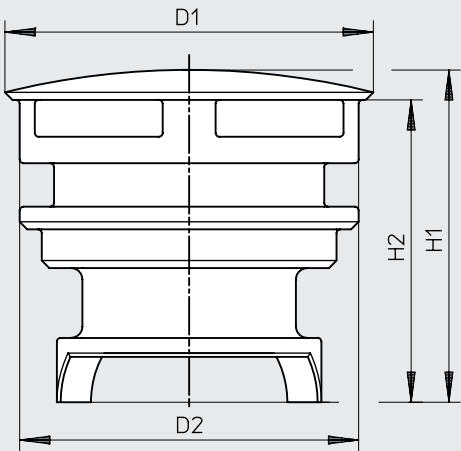


	D1	D5 ø	H1	H2	H3
QSP10-4	4	9,8	16,2	6,7	11,5
QSP10-6	6	9,8	16,2	6,7	12

Dimensions

Dimensions – Blanking plug QSPC10

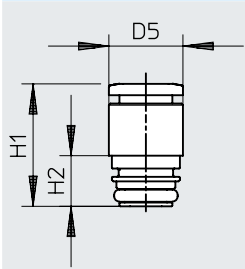
Download CAD data www.festo.com



	D1 Ø	D2	H1	H2
QSPC10	9,8	9	8,8	8,0

Dimensions

Dimensions – Blanking plug QSP...-PTB [Download CAD data](#) www.festo.com



	D5 ø	H1	H2
QSP10-PTB	9,7 _{+0,1}	16,2	6,7
QSP14-PTB	13,8	22	7,8 _{-0,1}
QSP17-PTB	16,8	24,5	7,8 _{-0,1}

Ordering data

Ordering information – Cartridge					
	Pneumatic connection, port 1	Pneumatic connection, port 2	Size of pack	Part no.	Type
	Cartridge 10 mm	For tubing outside di- ameter of 4 mm	10	172972	QSP10-4
		For tubing outside di- ameter of 6 mm		172973	QSP10-6

Ordering data – Blanking plug				
	Size of pack	Product weight	Part no.	Type
	1	1.1 g	172976	QSP10-PTB
		2.7 g	172987	QSP14-PTB
		4.7 g	172996	QSP17-PTB
	10	0.4 g	562243	QSPC10

Ordering data – Adapter			
	Short type code	Part no.	Type
	QSP	565811	QSP10-G1/8