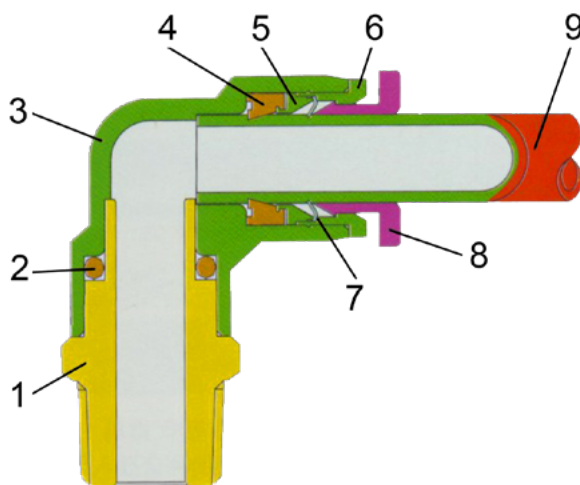


Technical details

Temperature range	0°C ... +60°C
Pressure range	-0.95... 10 bar
Medium	Filtered, oil-free and dried compressed air according to ISO 8573-1:2010, Class 7:2:4, instrument air, free of aggressive additives. Differing the pressure dew point must be at least 10°C below lowest occurring ambient temperature.
Materials	RoHS compliant in accordance with RoHS Directive 2011/65/EU and 2015/863/EU
	Products without their own potential ignition source in accordance with Directive 2014/34/EU, suitable for use in hazardous areas (page 05)

Structure



Position	Product description	Material
1	metal body	brass, nickel-plated
2	O-ring	NBR
3	plastic body	PBT (Resin)
4	seal	NBR
5	back ring	POM
6	collar	zinc
7	lock claws	stainless steel
8	sleeve	POM
9	tube	PU or PA

Torque

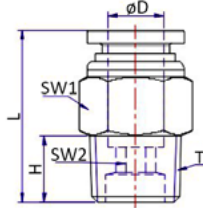
Connection	Torque (Nm)	Connection	Torque (Nm)
M3	0.4	R1/8	7.0
M5	1.0		
M7	1.5		

Mini-system

44-XPC-C

Male straight

male thread with O-ring, R1/8 BSPT male thread, PTFE coated

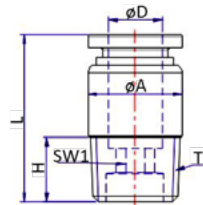


Model-no.	$\varnothing D$	T	L	H	SW1	SW2
44-XPC-M33-C	3	M3	15	3.5	8	-
44-XPC-M34-C	4	M3	17.5	3.5	8	-
44-XPC-M53-C	3	M5	16	3.5	8	2
44-XPC-M54-C	4	M5	18.5	3.5	8	2
44-XPC-M56-C	6	M5	18	3.5	10	2
44-XPC-183-C	3	R1/8	15	7.5	10	2
44-XPC-184-C	4	R1/8	16	7.5	10	3
44-XPC-186-C	6	R1/8	18.5	7.5	10	4

44-XPOC-C

Male straight, with inside hexagon

male thread with O-ring, R1/8 BSPT male thread, PTFE coated

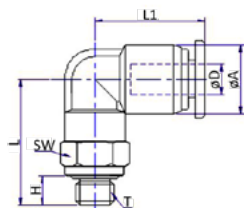


Model-no.	$\varnothing D$	T	$\varnothing A$	L	H	SW1
44-XPOC-M33-C	3	M3	6.5	15	3.5	-
44-XPOC-M34-C	4	M3	8	17.5	3.5	-
44-XPOC-M53-C	3	M5	7	16	3.5	2
44-XPOC-M54-C	4	M5	8	18.5	3.5	2
44-XPOC-M56-C	6	M5	10	18	3.5	2
44-XPOC-M76-C	6	M7	10	18	4.5	2
44-XPOC-184-C	4	R1/8	10	16	7.5	3
44-XPOC-186-C	6	R1/8	10	18.5	7.5	4

44-XPL-C

Elbow

rotatable, male thread with O-ring, R1/8 BSPT male thread, PTFE coated

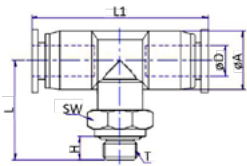


Model-no.	$\varnothing D$	T	$\varnothing A$	L	L1	H	SW
44-XPL-M33-C	3	M3	7.5	16	12	3.5	8
44-XPL-M34-C	4	M3	9.5	17	14	3.5	8
44-XPL-M53-C	3	M5	7.5	16	12	3.5	8
44-XPL-M54-C	4	M5	9.5	17	14	3.5	8
44-XPL-M56-C	6	M5	11.5	17	16	3.5	8
44-XPL-M74-C	4	M7	9.5	18	14	4.5	10
44-XPL-M76-C	6	M7	11.5	18	16	4.5	10
44-XPL-184-C	4	R1/8	9.5	18	14	7.5	10
44-XPL-186-C	6	R1/8	11.5	18	16	7.5	10

44-XPT-C

Male straight, union T

rotatable, male thread with O-ring, R1/8 BSPT male thread, PTFE coated

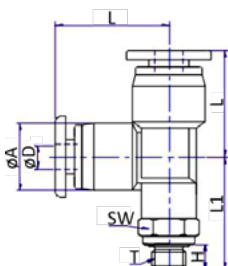


Model-no.	øD	T	øA	L	L1	H	SW
44-XPT-M33-C	3	M3	7.5	16	24	3.5	8
44-XPT-M34-C	4	M3	9.5	17	28	3.5	8
44-XPT-M53-C	3	M5	7.5	16	24	3.5	8
44-XPT-M54-C	4	M5	9.5	17	28	3.5	8
44-XPT-M56-C	6	M5	11.5	17	32	3.5	8
44-XPT-M74-C	4	M7	9.5	18	28	4.5	10
44-XPT-M76-C	6	M7	11.5	18	32	4.5	10
44-XPT-184-C	4	R1/8	9.5	18	28	7.5	10
44-XPT-186-C	6	R1/8	11.5	18	32	7.5	10

44-XPST-C

Male run T

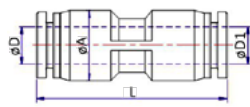
rotatable, male thread with O-ring, R1/8 BSPT male thread, PTFE coated



Model-no.	øD	T	øA	L	L1	H	SW
44-XPST-M33-C	3	M3	7.5	16	12	3.5	8
44-XPST-M34-C	4	M3	9.5	17	14	3.5	8
44-XPST-M53-C	3	M5	7.5	16	12	3.5	8
44-XPST-M54-C	4	M5	9.5	17	14	3.5	8
44-XPST-M56-C	6	M5	11.5	17	16	3.5	8
44-XPST-M74-C	4	M7	9.5	18	14	4.5	10
44-XPST-M76-C	6	M7	11.5	18	16	4.5	10
44-XPST-184-C	4	R1/8	9.5	18	14	7.5	10
44-XPST-186-C	6	R1/8	11.5	18	16	7.5	10

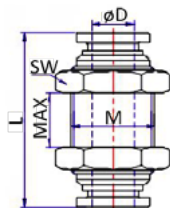
Mini-system

44-XPUC-C Union straight



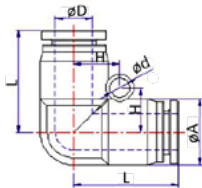
Model-no.	$\varnothing D$	$\varnothing D1$	$\varnothing A$	L
44-XPUC-30-C	3	3	21	7.5
44-XPUC-40-C	4	4	26.5	9.5
44-XPUC-60-C	6	6	27.5	11.5
44-XPUC-40-30-C	4	3	26.5	9.5
44-XPUC-60-40-C	6	4	27.5	11.5

44-XPMM-C Union bulk head



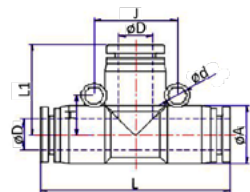
Model-no.	$\varnothing D$	M	MAX	L	SW
44-XPMM-30-C	3	M8	5	20	10
44-XPMM-40-C	4	M10	8	25	12
44-XPMM-60-C	6	M12	8	25	14

44-XPUL-C Union elbow



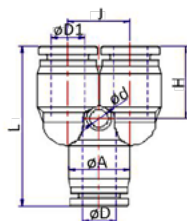
Model-no.	$\varnothing D$	$\varnothing A$	$\varnothing d$	H	L
44-XPUL-30-C	3	7.5	3.2	4.8	12
44-XPUL-40-C	4	9.5	3.2	6	14
44-XPUL-60-C	6	11.5	3.2	6.5	16

44-XPOT-C Union T



Model-no.	$\varnothing D$	$\varnothing A$	$\varnothing d$	J	H	L	L1
44-XPOT-30-C	3	7.5	3.2	9.6	4.8	24	12
44-XPOT-40-C	4	9.5	3.2	12	6	28	14
44-XPOT-60-C	6	11.5	3.2	13	6.5	32	16

44-XPUY-C Union Y



Model-no.	$\varnothing D$	$\varnothing D1$	$\varnothing A$	$\varnothing d$	J	H	L
44-XPUY-30-C	3	3	7.5	3.2	7.8	9.5	22.7
44-XPUY-40-C	4	4	9.5	3.2	9.2	12	28
44-XPUY-60-C	6	6	11.5	3.2	11	12	30
44-XPUY-60-40-C	6	4	11.5	3.2	11	12	30



Explosion-proof equipment without inherent potential ignition sources

The products of the series **40-IQS...**, **44-A...**, **44-X...** do not fall into the scope of the EU Directive 2014/34/EC. They are not subjected by Article 1 (2) and (3) of Directive 2014/34/EC. It has been proven by an ignition risk analysis that the valves have no potential ignition source of their own. They can be used in compliance with the requirements of e.g. DIN EN 1127-1:2019, DIN EN IEC 60079-0:2019, DIN EN ISO 80079-36:2016 and DIN EN ISO 80079-37:2016 in

Zone 1 explosion groups IIA, IIB and IIC, Zone 21 explosion groups IIIA, IIIB and IIIC

Zone 2 explosion groups IIA, IIB and IIC, Zone 22 explosion groups IIIA, IIIB and IIIC

The valves are not marked within the meaning of the ATEX Directive. They have to meet the requirements of the existing zones.