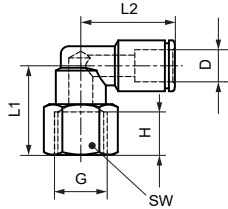


Accessories Program

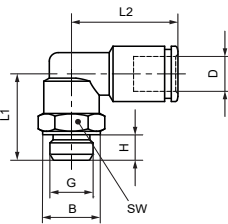
Quick Connections / Hoses Ø8



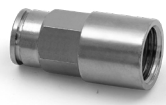
290-10030 Rotary elbow



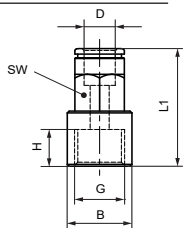
290-10070 Rotary elbow



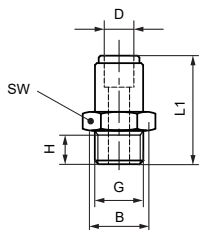
290-10080 Rotary elbow



290-10600 Quick connection



290-10700 Quick connection



290-10710 Quick connection



290-10720 Quick connection



290-11800 Straight connection Ø 8mm, reduced to Ø 4mm

1. Introduction

The quick connections and hoses from the range of simatec accessories have the following features:

1.1 Quick connections

- Widest possible screw connection diameters
- The system allows quick and easy installations
- Fast assembly and removal of the hose, no tools required
- Automatic sealing
- The quick connections are compatible with the entire range of simatec accessories

1.2 Hose

- Through the transparent hose it is possible to see the dispensing level
- Wide range of working temperatures
- Good moisture resistance
- Good absorption of vibration
- Low frictional resistance with all media

2. Technical data

2.1 Quick connections

Material: Brass, nickle plated

Working temperature: -20° C to +55° C

Packing unit: 10 pieces

Connection dimensions:

Article-no.	G [mm]	D [mm]	B [mm]	H [mm]	L1 [mm]	L2 [mm]	SW [mm]	Weight [g]
290-10030	G1/4"	8	—	11	22.5	23.5	16	
290-10070	G1/8"	8	13	5.5	20	23.5	13	
290-10080	G1/4"	8	16	6.5	23	23.5	13	
290-10600	G1/4"	8	16	10	32	—	13	25
290-10700	G1/8"	8	12.8	5.5	26.5	—	13	15
290-10710	G1/4"	8	17	6.5	23.5	—	13	17
290-10720	G3/8"	8	20	9	25	—	13	24
290-11800	—	8		4		—	—	

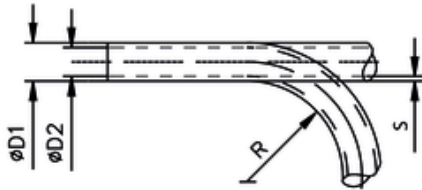
Accessories Program

Quick Connections / Hoses Ø8

2.2 Hose

The hose is available in the following 3 versions:

- 290-20000 Hose Ø 8/6 mm
- 290-20020 Hose for Temperatures up to 260 °C, Ø 8/6 mm
- 290-20040 Hose for small bend radius Ø 8/6mm



Technical indications:

Colour: transparent

Packing unit: per meter



Artikel-Nr.	D1 [mm]	D2 [mm]	S [mm]	R [mm]	P [bar]	Tp [°C]	Mat
290-20000	8	6	1	50	19	-40/+100	PA12
290-20020	8	6	1	64	9	-200/+260	PFA
290-20040	8	6	1	30	8	-35/+100	PU

D1 = Outer diameter

D2 = Inner diameter

S = Wall thickness

R = min. Bending radius

P = max. Operating pressure

Tp = Operating temperature

Mat = Material

3. Installation and start-up

- 3.1 Screw in connections directly at the lubrication point and at the lubricator. Cover the nipple with sealing tape depending on the thread of the lubrication point.
- 3.2 Determine required length of hose.
Attention: always keep hoses as short as possible!
- 3.3 Fill the hose with the same lubricant as used in the lubricator.
- 3.4 Plug hose into the connections and install properly.
- 3.5 Make sure that the connections do not get bent. For small bending radius use the article 290-20040.
- 3.6 Set dispenser to the required dispensing time.

4. Note

- The longer the connection, the higher the pressure required to dispense the grease to the lubrication point. Deviations from the dispensing rate can be compensated by changing the setting on the simalube lubricator.
- In order to avoid too high back pressure, the max. hose length must not be exceeded according to the below table.

Lubricant	max. length
Grease	50 cm
Fluid grease	100 cm
Oil	500 cm