

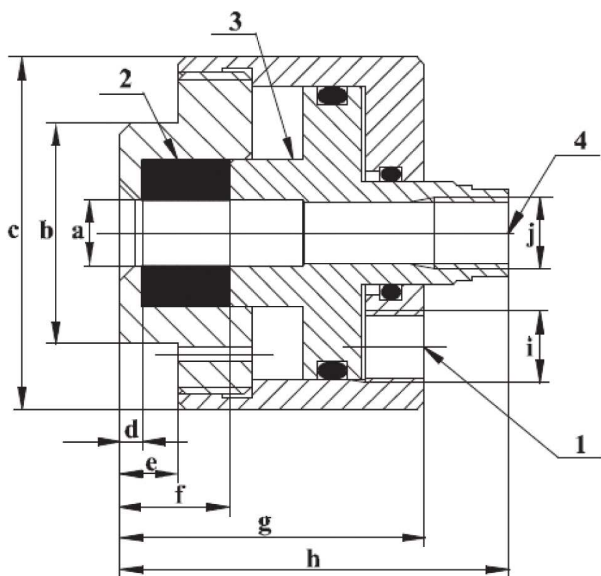
AUTOMATIC EXTERNAL CONNECTOR - TYPE CE

for easy and quick connecting of test objects (external)

Applications

Pneumatically controlled connector for easy and quick connecting of test pieces for proof testing, leak testing and leak detection.

Mode of Operation



- The connector is positioned manually or automatically.
- Compressed air is supplied to port 1 from a manually or automatically controlled valve or automatically from a leak testing instrument.
- Seal 2 is compressed axially by piston 3. The seal expands radially and seals between connector and test piece.
- The pressure testing medium, compressed air, vacuum or water is supplied via port 4 from a manually or automatically controlled valve.
- The pressure testing medium fills the test piece to the preset pressure.
- Pressure testing / tightness testing / leak detection may now proceed.
- When the test is completed, the test medium is evacuated.
- The compressed air is evacuated from port 1 and the seal repels the piston. The piston returns to its initial position.

a Ø Test piece connecting diameter	Max. testing pressure* at 4 bar pilot pressure		b Ø mm	c Ø mm	d mm	e mm	f mm	g mm	h mm	i thread	j thread
	secured	not secured									
3-5 5-7 7-9	8	4	30,0	48,0	4,0	8,0	18,0	42,0	53,0	G 1/8"	G 1/8"
9-11 11-13 13-15	8	3	35,0	48,0	4,0	8,0	18,0	42,0	53,0	G 1/8"	G 1/8"
15-17 17-19 19-20	8	2	40,0	48,0	4,0	8,0	18,0	42,0	53,0	G 1/8"	G 1/8"
20-22 22-24 24-26	8	2	50,0	70,0	4,0	13,0	28,0	64,0	78,0	G 1/8"	G 1/4"
26-28 28-30 30-32	8	2	56,0	70,0	4,0	13,0	28,0	64,0	78,0	G 1/8"	G 1/4"
32-34 34-36 36-38	8	2	62,0	70,0	4,0	13,0	28,0	64,0	78,0	G 1/8"	G 1/4"
38-41 41-44 44-47 47-50	8	1	70,0	100,0	7,0	37,0	39,0	95,0	119,0	G 1/8"	G 3/8"
50-53 53-56 56-59 59-62 62-65 65-68 68-71	8	1	93,0	120,0	5,0	41,0	53,0	95,0	124,0	G 1/8"	G 1/2"

Our standard connectors are available in dimensions up to 95-98. Other dimensions, special design or special material are offered on request.

*Depends on material and friction