

Features

- For the transmission of clean and dry compressed
- Female contacts with / without shut off
- Removal of tubes from pre-assembled pneumatic contacts is possible

Shut off principle:

In the disconnected position the spring integrated in the female contact is active, thus the O-ring of the valve seals the opening of the air-way. During the mating process, when the defined depth of insertion is reached the male contact presses on the valve head and moves it backwards against the spring tension, so that the air-way opens.

Using of guiding pins in connection with pneumatic modules is imperative.

In addition to this guiding pins guarantee a coding, if pneumatic modules are used exclusively.

Technical characteristics

Approvals



Inserts *

Number of contacts	3
Colour	blue
Material	polycarbonate
Limiting temperatures	-40 °C ... +80 °C
Flammability acc. to UL 94	V 0
Mechanical working life - mating cycles	≥ 500

Contacts

Material	delrin acetal
Colour	black
Tube termination	
- Internal diameter (ID)	1.6 mm / 1/16" 3.0 mm 4.0 mm / 1/8"
Working pressure	up to 8 bar / 116 psi

Sealing

Material	Buna-N
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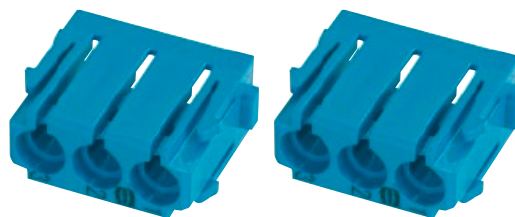
Shut off valve

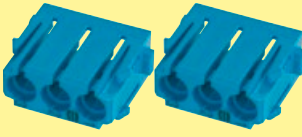
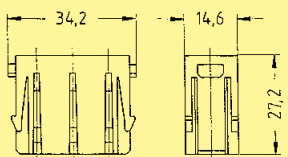
Material	Polypropylen
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* Assemble contacts before module is fixed into the frame


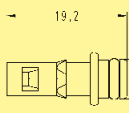
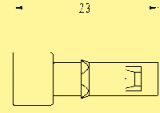
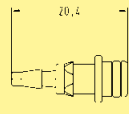
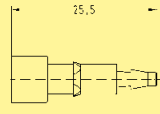
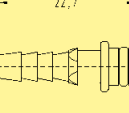
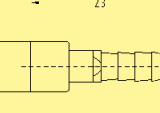

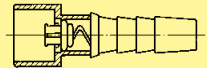
Number of contacts

3



Identification	Part number		Drawing	Dimensions in mm
	Male insert (M)	Female insert (F)		
for 1.6; 3; 4 mm Order contacts separately 	09 14 003 4501*	09 14 003 4501*	 <p>Contact arrangement view from termination side</p>	

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Modular

Identification	ID (mm)	Part number		Drawing	Dimensions in mm
		Male contact	Female contact		
Pneumatic contacts without shut off for tube internal diameter (ID) 	1.6	09 14 000 6151	09 14 000 6251	Male contact 	Female contact 
	3.0	09 14 000 6152	09 14 000 6252		
	4.0	09 14 000 6153	09 14 000 6253		
Pneumatic contacts with shut off for tube internal diameter (ID) 	1.6		09 14 000 6256		
	3.0		09 14 000 6257		
	4.0		09 14 000 6258		
				 <p>female contact with shut off in closed position</p>	

* Using of guiding pins is imperative (see chapter 40).

Stock items in bold type

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