

## Features

- ❑ 2 or 3 contacts for transmission of clean and dry compressed air. Other gaseous and liquid media on request
- ❑ Termination of 1.6 mm, 3 mm, 4 mm and 6 mm ID-tubes
- ❑ Tube sizes may be mixed in module (Possible sizes 1.6 mm, 3 mm and 4 mm)
- ❑ Robust plastic contact
- ❑ Removal of tubes from pre-assembled pneumatic contacts is possible
- ❑ Female contacts with/without shut off
- ❑ 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.

## Technical characteristics

### Specifications

#### Approvals



#### Inserts

Number of contacts	3
Colour	blue
Material	Polycarbonate
Temperature range	- 40 °C + 80 °C
Flammability acc. to UL 94	V0
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" 6.0 mm / 1/4"
Working pressure	vacuum up to 8 bar / 116 psi

#### Sealing

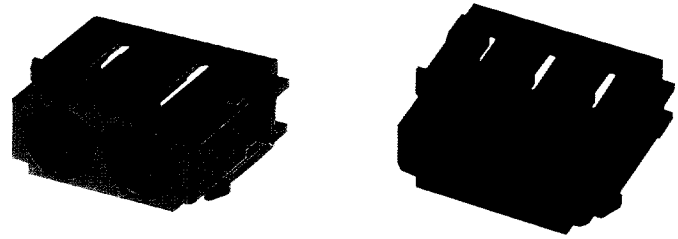
Material	Buna-N
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#### Shut off valve

Material	Polypropylene
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Number of contacts

# 2/3



## Han® Pneumatic-module

Identification	Part No.		Drawing	Dimensions in mm
	Male insert (M)	Female insert (F)		
<b>Pneumatic-module<sup>1)</sup></b> Order contacts separately (male and female inserts are identical) for 1.6; 3; 4 mm	<b>09 14 003 4501</b>	<b>09 14 003 4501</b>		<p>Contact arrangement View from mating side</p>
for 6 mm	<b>09 14 002 4501</b>	<b>09 14 002 4501</b>		

Identification	Part No.		Drawing	Dimensions in mm
	Male contacts	Female contacts		
<b>Contacts without shut off<sup>1)</sup></b>  for tube internal diameter				
1.6 mm	<b>09 14 000 6151</b>	<b>09 14 000 6251</b>	<p>male contact                      female contact</p>	
3.0 mm	<b>09 14 000 6152</b>	<b>09 14 000 6252</b>		
4.0 mm	<b>09 14 000 6153</b>	<b>09 14 000 6253</b>		
6.0 mm	<b>09 14 000 6174</b>	<b>09 14 000 6274</b>		

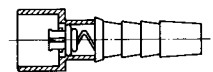


### Contacts with shut off<sup>1)</sup>

for tube internal diameter		
1.6 mm	—	<b>09 14 000 6256</b>
3.0 mm	—	<b>09 14 000 6257</b>
4.0 mm	—	<b>09 14 000 6258</b>
6.0 mm	—	<b>09 14 000 6279</b>



shut off principle: see page 06.22



female contact with shut off in closed position

<sup>1)</sup> Assembly of contacts before module is fixed into the frame