

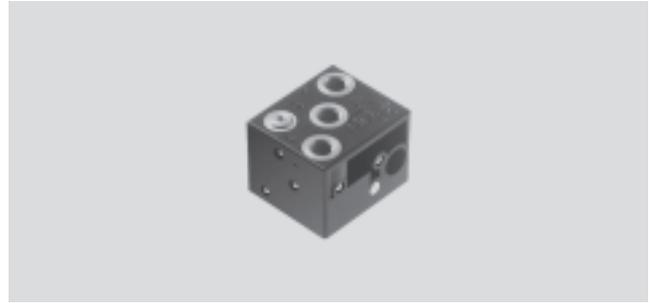
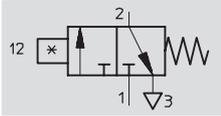
# Proximity sensors SMPO-8E, for T-slot, pneumatic

Technical data



Function  
3/2-way valve,  
normally closed

- Pneumatic proximity sensor
- Magnetic measuring principle



Design	
Constructional design	For T-slot
Type of mounting	Via accessories
Connection direction	Lateral
Reproducibility of switching point <sup>1)</sup>	[mm] ±0.1
Switching status display	Optical

1) Only applicable to drives secured against rotation

Technical data	
Switching element function	3/2-way valve, normally closed
Operating medium	Compressed air, filtered, unlubricated, grade of filtration 40µm
Operating pressure	[bar] 2 ... 8
Switch-on time	[ms] 22
Switch-off time	[ms] 52
Pneumatic connection	Female thread M5
Protection class	IP65

Operating and environmental conditions	
Ambient temperature	[°C] -15 ... +60
Corrosion resistance class CRC <sup>1)</sup>	2

1) Corrosion resistance class 2 according to Festo standard 940 070  
Components requiring moderate corrosion resistance. Externally visible parts with primarily decorative surface requirements which are in direct contact with a normal industrial environment or media such as coolants or lubricating agents.

Materials	
Housing	Polyamide, aluminium

Product weights [g]	
	12

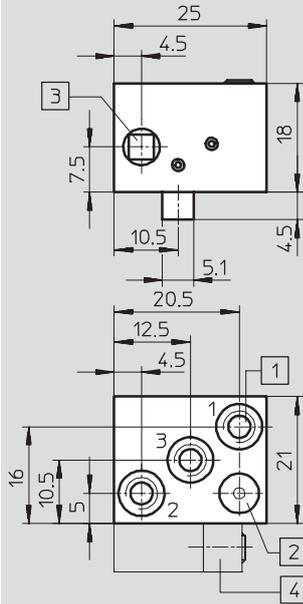
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## Dimensions

Download CAD data → [www.festo.com/en/engineering](http://www.festo.com/en/engineering)



- 1 Connecting thread M5
- 2 Pneumatic indicator
- 3 Mounting screw
- 4 Mounting kit SMB-8E

Drive accessories  
Cylinder sensors

10.2

## Ordering data

	Pneumatic connection	Part No.	Type
	3/2-way valve, normally closed	178 563	SMPO-8E
	Female thread M5		