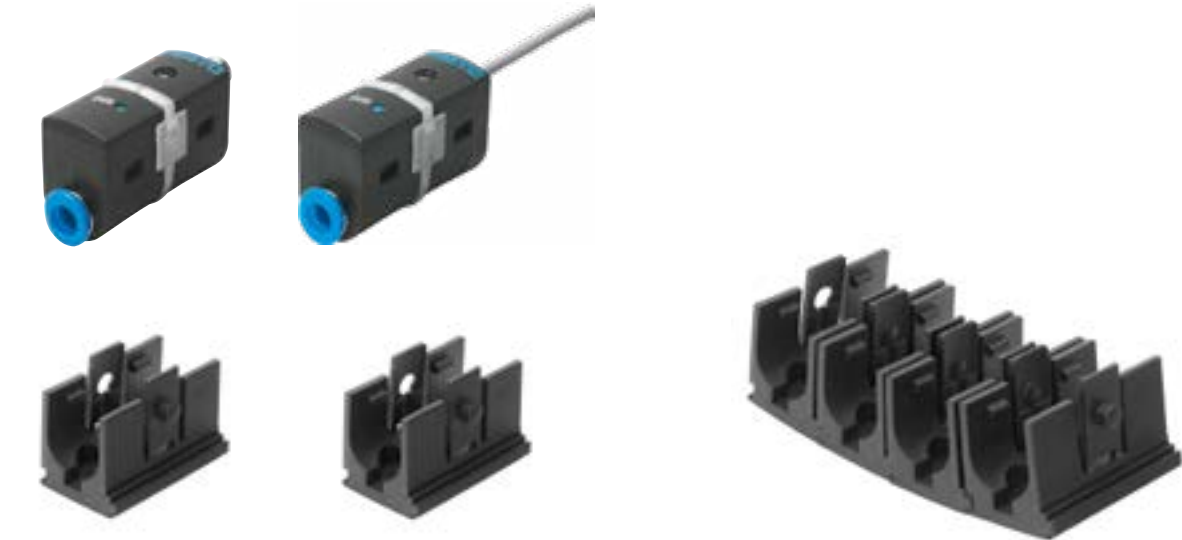


Key features

At a glance

SDE5-...-M8,
plug version,
plug M8x1, 3-pin

SDE5-...-K,
cable version,
2.5 m long, 3-wire



Linkable wall bracket for clipping in the sensors
(included in the scope of delivery)

Product description	Main applications	Key features	
<p>The pressure sensor SDE5 is a cost-effective alternative for quick and easy pressure monitoring.</p> <p>The "intelligent fitting" delivers instant information about the actual pressure and is an equally effective device for object detection via back pressure as it is for pressure, regulation and vacuum detection.</p>	<p>The pressure sensor SDE5 can be used wherever simple sensing of the actual pressure is required:</p> <ul style="list-style-type: none">• Compressed air monitoring• Regulator monitoring• Confirmation of suction in vacuum technology• Object detection via back pressure	<ul style="list-style-type: none">• Selectable output functions• Teach-in function for programming• Minimal assembly times thanks to QS connections and linkable wall brackets• Quick switching-point adjustment at the touch of a button• Switching status indication by an LED visible from all sides	<ul style="list-style-type: none">• Relative pressure or differential pressure measurement• 5 pressure measuring ranges: 0 ... -1, -1 ... 1, 0 ... 2, 0 ... 6, 0 ... 10 bar• Analogue output 0 ... 10 V• Electrical outputs: 1 switching output PNP or NPN

Type codes

001	Series	
SDE5	Pressure sensor	
002	Pressure measuring range	
V1	-1 ... 0 bar	
D2	0 ... 2 bar	
D10	0 ... 10 bar	
003	Pressure inlet	
	Relative pressure	
Z	Differential pressure	
004	Output function	
FP	Freely programmable, (switching/teach-in function, N/O contact, N/C contact)	
O	Threshold value with fixed hysteresis, 1 teach-in point, N/O contact	
C	Threshold value with fixed hysteresis, 1 teach-in point, N/C contact	
O1	Threshold value with fixed hysteresis, 2 teach-in points, N/O contact	
O2	Threshold value with variable hysteresis, N/O contact	
O3	Window comparator with fixed hysteresis, N/O contact	
C3	Window comparator with fixed hysteresis, N/C contact	
NF	No binary switching function (analogue output)	

005	Pneumatic connection	
Q4	Push-in connector 4 mm, at both ends	
Q6	Push-in connector 6 mm, at both ends	
Q4E	Push-in connector 4 mm, at one end	
Q6E	Push-in connector 6 mm, at one end	
T14E	Push-in fitting 1/4", at one end	
006	Electrical output 1	
P	PNP	
N	NPN	
V	0 ... 10 V	
007	Electrical connection	
K	Open end	
M8	Plug M8, 3-pin	

Additional variants can be ordered using the modular product system → 12

- Pressure measuring range
- Pneumatic connection
- X teach-in point permanently set
- Y teach-in point permanently set
- Output function
- Electrical accessories