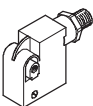
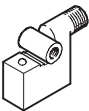


Proximity sensors, block design

Product range overview

FESTO

Measuring principle	Version	Type	Mounting	Switching element function		Switching output	Electrical connection	
				N/O contact	N/C contact		Cable	Plug
Magneto-resistive	Operating voltage range 10 ... 30 V DC							
		SMT0-1	Via accessories	■	–	PNP	3-wire	M8x1, 3-pin
				■	–	NPN	3-wire	M8x1, 3-pin
		SMTSO-1 Welding field immune	■	–	PNP	–	M12x1, 3-pin	
Magneto-inductive	Operating voltage range 10 ... 30 V DC							
		SMT0-6	Via accessories	■	–	PNP	–	M12x1, 3-pin
Magnetic reed	Operating voltage range 0 ... 30 V DC							
		SME0-1	Via accessories	■	–	Contacting	–	M8x1, 3-pin ¹⁾
				■	–		3-wire	M8x1, 3-pin
	Operating voltage range 0 ... 250 V AC, 0 ... 200 V DC							
		SME0-1-B	Via accessories	■	–	Contacting	2-wire	–
		SME0-1		■	–		2-wire	–
				■	–		2-wire	–
SME0-1-S6-C Heat-resistant up to 120 °C		■		–	2-wire		–	
Magnetic	Pneumatic proximity sensor, operating pressure 2 ... 6 bar							
		SMPO-1	Via accessories	■ ²⁾	–	–	–	–
Magneto-inductive	Operating voltage range 10 ... 30 V DC							
		SMT-C1	Clamped	■	–	PNP	3-wire	M8x1, 3-pin M12x1, 3-pin

1) The proximity sensor has 2 wires internally. One pin of the M8 plug is unused.

2) 3/2-way valve, normally closed

Proximity sensors, block design

Product range overview

FESTO

Type	Connection direction		Replacement without re-adjustment	Switching status display via LED	Free of copper and PTFE	→ Page/Internet
	In-line	Lateral				
Operating voltage range 10 ... 30 V DC						
SMT0-1	■	–	■ 1)	■	■	6
	■	–	■ 1)	■	–	
SMTSO-1 Welding field immune	■	–	–	■	–	8
Operating voltage range 10 ... 30 V DC						
SMT0-6	■	–	–	■	–	10
Operating voltage range 0 ... 30 V DC						
SME0-1	■	–	■ 1)	–	■	12
	■	–	■ 1)	■	■	
Operating voltage range 0 ... 250 V DC, 0 ... 200 V DC						
SME0-1-B	■	–	■ 1)	–	–	12
SME0-1	■	–	■ 1)	■	–	
	■	–	■ 1)	–	–	
SME0-1-S6-C Heat-resistant up to 120 °C	■	–	■ 1)	■	–	
Pneumatic proximity sensor, operating pressure 2 ... 6 bar						
SMPO-1	■	–	■ 1)	– 2)	–	15
Operating voltage range 10 ... 30 V DC						
SMT-C1	■	–	–	■	■	17

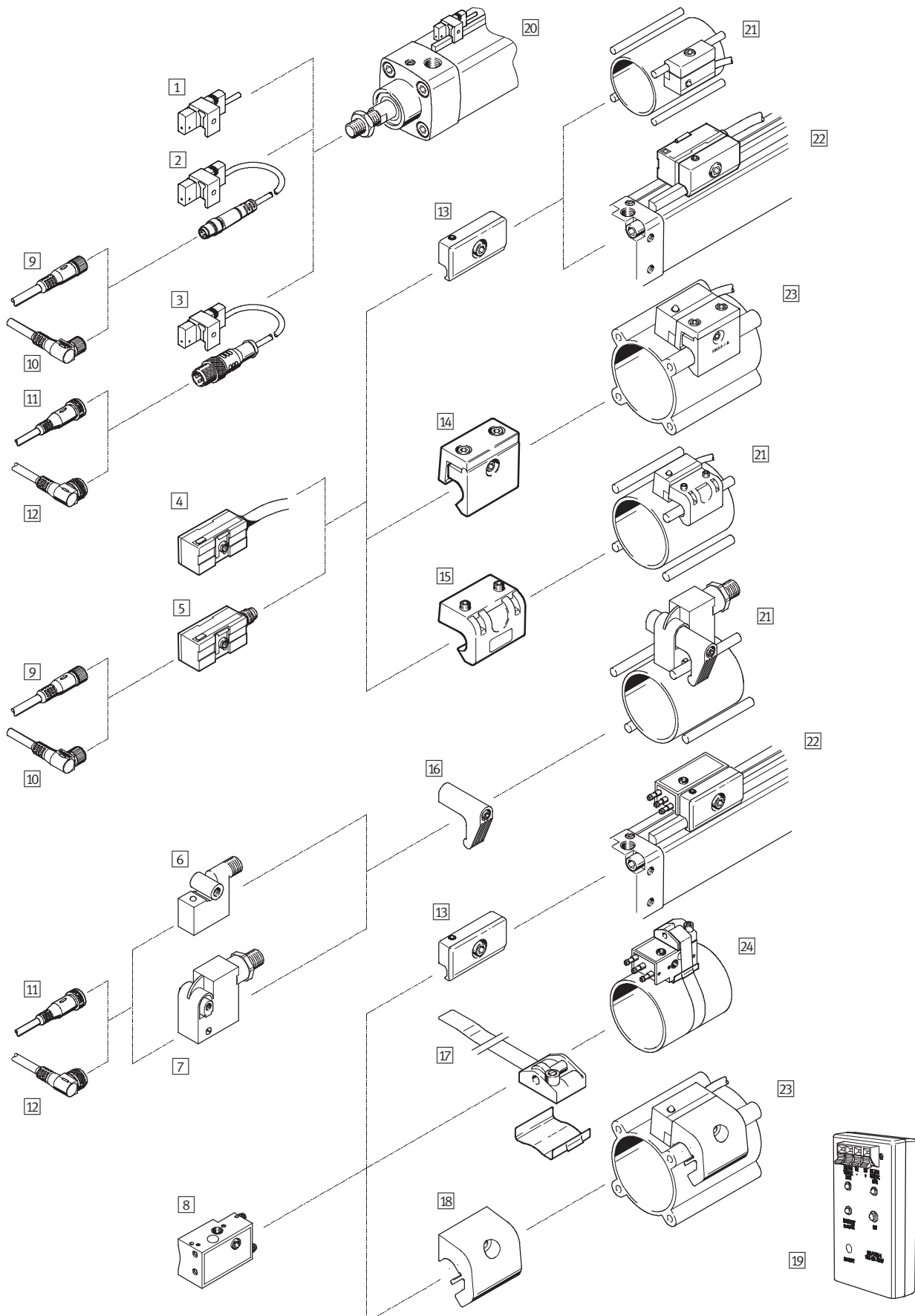
1) Not in combination with mounting kit SMB-1 or SMBS-...

2) Switching status is indicated via a pneumatic pin

Proximity sensors, block design

Overview of peripherals

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Proximity sensors, block design

Overview of peripherals

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Mounting attachments and accessories		
	Brief description	→ Page/Internet
Proximity sensors		
1	SMT-C1-...	Magneto-inductive, with cable and clamping component
2	SMT-C1-...	Magneto-inductive, with cable and plug M8x1 and clamping component
3	SMT-C1-...	Magneto-inductive, with cable and plug M12x1 and clamping component
4	SMT-O-1-...	Magneto-resistive, with cable
	SMEO-1-...	Magnetic reed, with cable
5	SMT-O-1-...	Magneto-resistive, with plug M8x1
	SMEO-1-...	Magnetic reed, with plug M8x1
6	SMT-O-6-...	Magneto-inductive, with plug M12x1
7	SMTSO-1-...	Magneto-resistive, welding field immune, with plug M12x1
8	SMPO-1-...	Pneumatic
Accessories		
9	Connecting cable NEBU-M8G3-...	Straight socket, M8x1, 3-pin
10	Connecting cable NEBU-M8W3-...	Angled socket, M8x1, 3-pin
11	Connecting cable NEBU-M12G5-...	Straight socket, M12x1, 3-pin
12	Connecting cable NEBU-M12W5-...	Angled socket, M12x1, 3-pin
13	Mounting kit SMB-1	For drives with tie rod Ø 6 mm or mounting rail For standard cylinders DNG
14	Mounting kit SMBU-1-B	For standard cylinders DNU
15	Mounting kits SMB-2-B, SMB-3-B	For standard cylinders DNG
16	Mounting kit SMBT-1	For standard cylinders DNG
17	Mounting kit SMBS-...	For round cylinders
18	Mounting kit SMBU-1-H-32	For standard cylinders DNU
19	Sensor tester SM-TEST-1	sm-test-1
Drives		
20	Standard cylinder CDN-...-R with sensor rail	Ø 32 ... 100 mm
21	Standard cylinder DNG	Ø 32 ... 320 mm
22	Flat cylinder DZH	Ø 32 ... 63 mm
	Semi-rotary drive DRQ	Ø 40 ... 100 mm
23	Standard cylinder DNU	Ø 32 ... 125 mm
24	Round cylinder	Ø 8 ... 100 mm

Proximity sensors, block design

Type codes

FESTO

Proximity sensor for cylinders with tie or mounting rod

		SMT0-1	–	PS	–	K	–	LED	–	24	–	C
Function												
SMT0-1	Proximity sensor, block design, magneto-resistive											
SMTSO-1	Proximity sensor, block design, magneto-resistive, welding field immune											
SMT0-6	Proximity sensor, block design, magneto-inductive											
SME0-1	Proximity sensor, block design, magnetic reed											
SMPO-1	Proximity sensor, block design, magnetic											
Switching output, switching element function												
PS	PNP, N/O contact, 3-wire											
NS	NPN, N/O contact, 3-wire											
	N/O contact, 2 or 3-wire											
Electrical connection, cable length												
K	Cable, 2.5 m											
S	Plug M8x1											
Switching status display												
LED	Yellow LED											
Rated operating voltage												
24	24 V DC											
230	230 V AC											
Generation												
B	B series											
C	C series											

Proximity sensor for standard cylinders CDN-...-R with sensor strip

		SMT-C1	–	PS	–	24V	–	K	–	5,0	–	OE
Function												
SMT-C1	Proximity sensor, block design, magneto-inductive											
Switching element function, switching output												
PS	N/O contact, 3-wire, PNP											
Rated operating voltage												
24V	24 V DC											
Version												
K	Cable											
Cable length												
0,3	0.3 m											
5,0	5.0 m											
10,0	10.0 m											
Electrical connection												
OE	Open end											
M8D	Cable with plug M8x1, rotatable thread											
M12	Cable with plug M12x1											

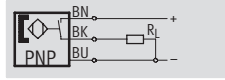
Proximity sensors SMT0-1, block design, magneto-resistive

FESTO

Technical data

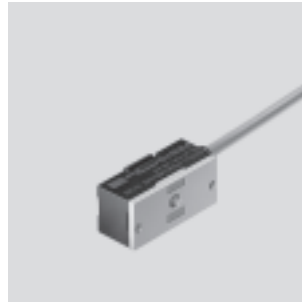
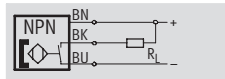
Function

e.g. PNP, N/O contact, with cable



- Magneto-resistive measuring principle

e.g. NPN, N/O contact, with cable



Design	
Constructional design	Block design
Type of mounting	Via accessories
Connection direction	In-line
Reproducibility of switching point ¹⁾ [mm]	±0.1
Switching status display	Yellow LED

1) Only applicable to drives secured against rotation.

Technical data – N/O contact		
Switch output	PNP	
	NPN	
Electrical connection	Cable, 3-wire	Plug M8x1, 3-pin
Cable length [m]	2.5	–
Operating voltage range [V DC]	10 ... 30	
Max. switching current [mA]	200	
Max. switching capacity [W]	6	
Voltage drop [V]	3	
Residual current [mA]	≤0.01	
Switch-on time [ms]	≤1	
Switch-off time [ms]	≤1	
Protection against short circuit	Yes	
Protection against polarity reversal	For all electrical connections	
Protection class	IP67	

Operating and environmental conditions			
Electrical connection	Cable		Plug
Cable installation	Fixed	Flexible	
Ambient temperature [°C]	–25 ... +70	–5 ... +70	–25 ... +70
Corrosion resistance class CRC ¹⁾	4		2
CE symbol (declaration of conformity)	In accordance with EU EMC directive ²⁾		
Certification	C-Tick		

- 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.
Corrosion resistance class 4 according to Festo standard 940 070
Components requiring higher corrosion resistance. Parts used with aggressive media, e.g. food or chemical industry. These applications should be supported with special tests with the media if required.
- 2) For information about the applicability of the component see the manufacturer's EC declaration of conformity at: www.festo.com → Support → User documentation.
If the component is subject to restrictions on usage in residential, office or commercial environments or small businesses, further measures to reduce the emitted interference may be necessary.

Materials	
Housing	Die-cast zinc, polyester
Cable sheath	Polyvinyl chloride
Note on materials	Free of copper and PTFE

Proximity sensors SMT0-1, block design, magneto-resistive

FESTO

Technical data

Product weights [g]		
Electrical connection	Cable	Plug
N/O contact		
PNP	85	20
NPN	85	20

Dimensions Download CAD Data → www.festo.com/us/cad

Cable type

1 Connecting cable
2 Yellow LED

Plug type M8x1

2 Yellow LED
3 Plug suitable for plug socket with cable NEBU-M8...
4 Installation space for angled socket

Ordering data						
	Switch output	Electrical connection		Cable length [m]	Part No.	Type
		Cable	Plug M8x1			
	N/O contact					
	PNP	3-wire	–	2.5	151683	SMT0-1-PS-K-LED-24-C
		–	3-pin	–	151685	SMT0-1-PS-S-LED-24-C
	NPN	3-wire	–	2.5	151684	SMT0-1-NS-K-LED-24-C
		–	3-pin	–	151686	SMT0-1-NS-S-LED-24-C

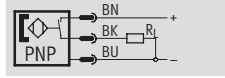
Proximity sensors SMTSO-1, block design, magneto-resistive

FESTO

Technical data

Function

PNP, N/O contact, with plug



- Welding field immune
- Magneto-resistive measuring principle



Design	
Constructional design	Block design
Type of mounting	Via accessories
Connection direction	In-line
Reproducibility of switching point ¹⁾	[mm] ±0.1
Switching status display	Yellow LED
Ready status display	Green LED

1) Only applicable to drives secured against rotation

Technical data – PNP, N/O contact	
Electrical connection	Plug M12x1, 3-pin
Operating voltage range	[V DC] 10 ... 30
Max. switching current	[mA] 200
Max. switching capacity	[W] 6
Voltage drop	[V] 3
Residual current	[mA] 0.01
Switch-on time	[ms] ≤35
Switch-off time	[ms] ≤20
Resistance to interference from magnetic fields	Alternating magnetic field 50 ... 60 Hz
Protection against short circuit	Yes
Protection against polarity reversal	For all electrical connections
Protection class	IP65/IP67

Operating and environmental conditions	
Ambient temperature	[°C] –25 ... +70
Corrosion resistance class CRC ¹⁾	1
CE symbol (declaration of conformity)	In accordance with EU EMC directive ²⁾
Certification	C-Tick

1) Corrosion resistance class 1 according to Festo standard 940 070

Components requiring low corrosion resistance. Transport and storage protection. Parts that do not have primarily decorative surface requirements, e.g. in internal areas that are not visible or behind covers.

2) For information about the applicability of the component see the manufacturer's EC declaration of conformity at: www.festo.com → Support → User documentation.

If the component is subject to restrictions on usage in residential, office or commercial environments or small businesses, further measures to reduce the emitted interference may be necessary.

Materials	
Housing	Die-cast zinc

Product weights [g]	
N/O contact	
PNP	70

Proximity sensors SMTSO-1, block design, magneto-resistive



Technical data

Dimensions

Download CAD Data → www.festo.com/us/cad

Plug type M12x1

1

 Green LED

2

 Yellow LED

3

 Mounting kit

4

 Installation space for socket

Ordering data				
	Switch output	Electrical connection	Part No.	Type
	N/O contact			
	Welding field immune			
	PNP	Plug M12x1, 3-pin	30441	SMTSO-1-PS-S-LED-24

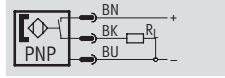
Proximity sensors SMT0-6, block design, magneto-resistive

FESTO

Technical data

Function

PNP, N/O contact, with plug



- Magneto-inductive measuring principle



Design	
Constructional design	Block design
Type of mounting	Via accessories
Connection direction	In-line
Reproducibility of switching point ¹⁾	[mm] ±0.1
Switching status display	Yellow LED

1) Only applicable to drives secured against rotation

Technical data – PNP, N/O contact	
Electrical connection	Plug M12x1, 3-pin
Operating voltage range	[V DC] 10 ... 30
Max. switching current	[mA] 200
Max. switching capacity	[W] 6
Voltage drop	[V] 3
Residual current	[mA] ≤0.01
Switch-on time	[ms] ≤1
Switch-off time	[ms] ≤1
Protection against short circuit	Yes
Protection against polarity reversal	For all electrical connections
Protection class	IP67

Operating and environmental conditions	
Ambient temperature	[°C] –25 ... +70
Corrosion resistance class CRC ¹⁾	1
CE symbol (declaration of conformity)	In accordance with EU EMC directive ²⁾
Certification	C-Tick

- 1) Corrosion resistance class 1 according to Festo standard 940 070
Components requiring low corrosion resistance. Transport and storage protection. Parts that do not have primarily decorative surface requirements, e.g. in internal areas that are not visible or behind covers.
- 2) For information about the applicability of the component see the manufacturer's EC declaration of conformity at: www.festo.com → Support → User documentation.
If the component is subject to restrictions on usage in residential, office or commercial environments or small businesses, further measures to reduce the emitted interference may be necessary.

Materials	
Housing	Die-cast zinc

Product weights [g]	
N/O contact	
PNP	36

Proximity sensors SMT0-6, block design, magneto-resistive

Technical data



Dimensions

Download CAD Data → www.festo.com/us/cad

Plug type M12x1

1

 Yellow LED

2

 Plug suitable for plug socket with cable NEBU-M12...

3

 Mounting kit

4

 Installation space for socket

Ordering data				
	Switch output	Electrical connection	Part No.	Type
	N/O contact			
	PNP	Plug M12x1, 3-pin	35573	SMT0-6-PS-S-LED-24

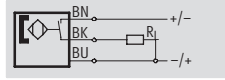
Proximity sensors SMEO-1, block design, magnetic reed

FESTO

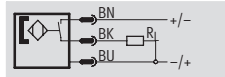
Technical data

Function

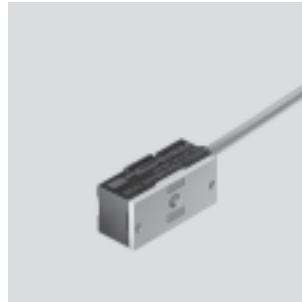
e.g. N/O contact, 3-wire, with cable



e.g. N/O contact, 3-wire, with plug



- Magnetic reed measuring principle



General technical data				
Electrical connection	3-wire		2-wire	
Type	SMEO-1-...-24		SMEO-1-LED-230	SMEO-1-B SMEO-1-S6, heat-resistant
Design	Block design		Block design	
Conforms to	–		EN 60947-5-2	
CE mark (see declaration of conformity)	To EU EMC Directive ¹⁾		To EU EMC Directive ¹⁾	
	–		To EU Low Voltage Directive	
Note on materials	Free of copper and PTFE		Free of copper and PTFE	

- 1) For information about the applicability of the component see the manufacturer's EC declaration of conformity at: www.festo.com → Support → User documentation.
If the component is subject to restrictions on usage in residential, office or commercial environments or small businesses, further measures to reduce the emitted interference may be necessary.

Input signal/measuring element		
Type	SMEO-1	SMEO-1-S6, heat-resistant
Measuring principle	Magnetic reed	
Ambient temperature [°C]	–20 ... +70	–50 ... +120

Switching output				
Electrical connection	3-wire		2-wire	
Type	SMEO-1-...-24		SMEO-1-LED-230	SMEO-1-B SMEO-1-S6, heat-resistant
Switching output	Contacting, bipolar		Contacting, bipolar	
	–		Without LED function	–
Switching element function	N/O contact		N/O contact	
Reproducibility of switching point ¹⁾ [mm]	±0.1		±0.1	
Switch-on time [ms]	≤0.5		≤0.5	
Switch-off time [ms]	≤0.03		≤0.03	
Max. switching frequency [Hz]	–		500	500
Max. output current DC [mA]	1,000		120	1,000
Max. output current AC [mA]	–		250	1,000
Max. switching capacity DC [W]	27		40	
Max. switching capacity AC [VA]	–		40	
Voltage drop [V]	–		0 ... 4.5	0
Residual current [mA]	–		0	

- 1) Only applicable to drives secured against rotation.

Output, additional data	
Protection against short circuit	No
Protection against overloading	No

Proximity sensors SMEO-1, block design, magnetic reed

FESTO

Technical data

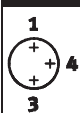
Electronic components					
Electrical connection	3-wire		2-wire		
Type	SMEO-1-...-LED-24	SMEO-1-S-24-B	SMEO-1-LED-230	SMEO-1-B	SMEO-1-S6, heat-resistant
Operating voltage range DC [V]	12 ... 27	0 ... 30	5 ... 200	0 ... 200	
Operating voltage range AC [V]	–	–	5 ... 250	0 ... 250	
Reverse polarity protection	No		No		

Electromechanical components					
Electrical connection	3-wire		2-wire		
Type	SMEO-1-LED-24	SMEO-1-S-...-B	SMEO-1-LED-230	SMEO-1-B	SMEO-1-S6, heat-resistant
Electrical connection	Cable, 3-wire	Plug M8x1, 3-pin	Cable, 2-wire		
Connection direction	In-line				
Cable length [m]	2.5	–	2.5	2.5	2.5
	5		5	–	–
Cable sheath materials	PVC	–	PVC	PVC	TPE-S

Mechanical components		
Electrical connection	3-wire	2-wire
Type of mounting	Via accessories	
Tightening torque [Nm]	–	2.9
Product weight [g]		
Housing materials	Die-cast zinc	Die-cast zinc
	–	Epoxy resin
		TPE-O
		Steel
		PET
		PC

Display/operation					
Electrical connection	3-wire		2-wire		
Type	SMEO-1-...-LED-24	SMEO-1-S-24-B	SMEO-1-LED-230	SMEO-1-B	SMEO-1-S6, heat-resistant
Switching status display	Yellow LED	–	Yellow LED	–	–

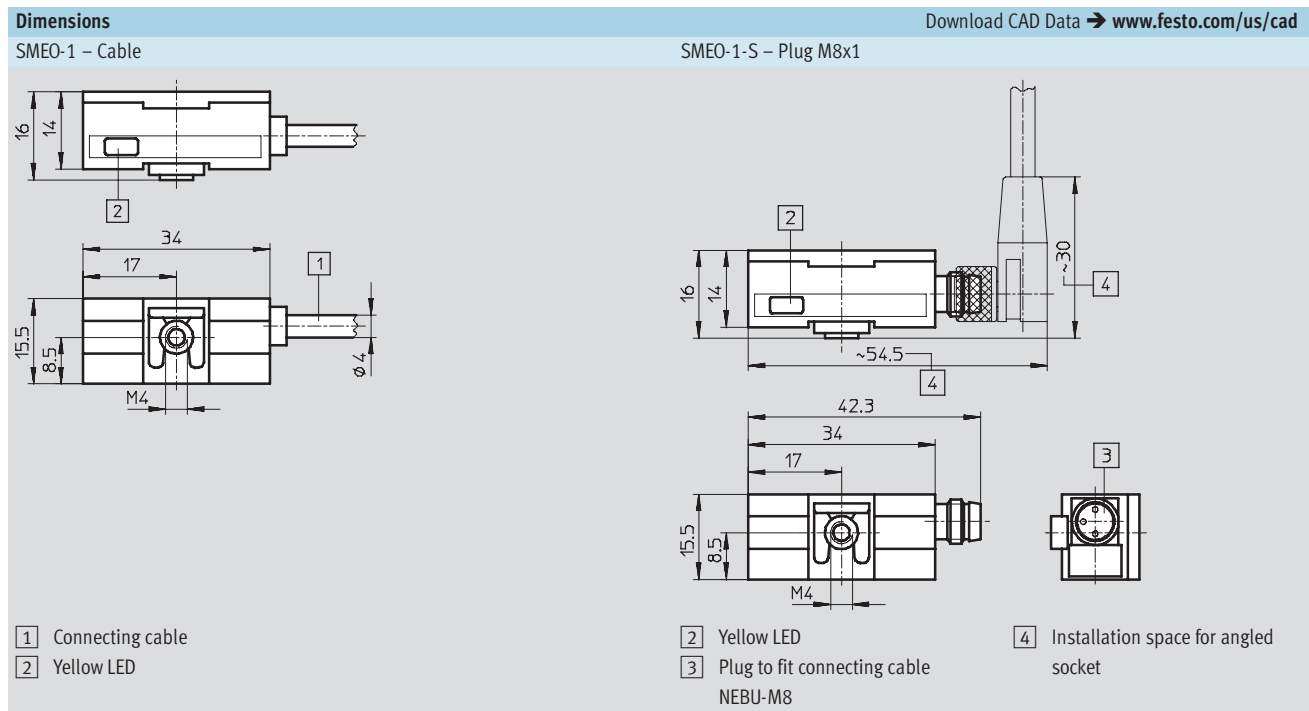
Immissions/emissions					
Electrical connection	3-wire		2-wire		
Type	SMEO-1-...-LED-24	SMEO-1-S-24-B	SMEO-1-LED-230	SMEO-1-B	SMEO-1-S6, heat-resistant
Ambient temperature with flexible cable installation [°C]	–5 ... +70	–	–5 ... +70	–5 ... +70	–40 ... +120
Protection class	IP67		IP67		
Surge capacity [kV]	–		4		
Degree of contamination	–		3		

Pin allocation to EN 60947-5-2			
M8x1, 3-pin			
N/O contact			
	Pin	Wire colour	Allocation
	1	Brown	+
	3	Blue	–
	4	Black	Output

Proximity sensors SMEO-1, block design, magnetic reed

Technical data

FESTO



Ordering data						
	Electrical connection		Cable length [m]	Switching status display	Product weight [g]	Part No. Type
	Cable	Plug M8x1				
	N/O contact					
	Operating voltage range 12 ... 27 V DC					
	3-wire	–	2.5	■	85	30459 SMEO-1-LED-24-B
			5.0	■	130	151672 SMEO-1-LED-24-K5-B
	–	3-pin	–	■	20	150848 SMEO-1-S-LED-24-B
	Operating voltage range 0 ... 30 V DC					
	–	3-pin ¹⁾	–	–	20	150847 SMEO-1-S-24-B
	Operating voltage range 0 ... 250 V AC, 0 ... 200 V DC					
	2-wire	–	2.5	■	100	151671 SMEO-1-LED-230-B
			5.0	■	130	160998 SMEO-1-LED-230-K5-B
			2.5	–	100	30457 SMEO-1-B
	Heat-resistant up to 120 °C					
2-wire	–	2.5	–	100	151673 SMEO-1-S6-C	

1) The proximity sensor has 2 wires internally. One pin of the M8 plug is unused.

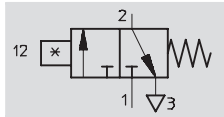
Proximity sensors SMPO-1, block design, pneumatic

FESTO

Technical data

Function
3/2-way valve,
normally closed

- Pneumatic proximity sensor
- Magnetic measuring principle



Design	
Constructional design	Block design
Type of mounting	Via accessories
Connection direction	In-line
Reproducibility of switching point ¹⁾ [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	Filtered, unlubricated compressed air
Operating pressure [bar]	2 ... 6
Switch-on time [ms]	12
Switch-off time [ms]	30
Pneumatic connection	Barbed connector for tubing, nominal diameter 3 mm
Protection class	IP65

Operating and environmental conditions	
Ambient temperature [°C]	−15 ... +60
Corrosion resistance class CRC ¹⁾	1

1) Corrosion resistance class 1 according to Festo standard 940 070
Components requiring low corrosion resistance. Transport and storage protection. Parts that do not have primarily decorative surface requirements, e.g. in internal areas that are not visible or behind covers.

Materials	
Housing	Polyamide
Barbed connector	Brass
Note on materials	Free of copper and PTFE

Product weights [g]	
PNP	14

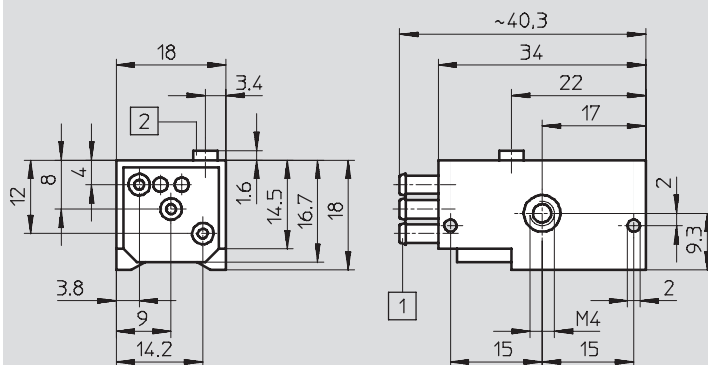
Proximity sensors SMPO-1, block design, pneumatic

Technical data

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Dimensions

Download CAD Data → www.festo.com/us/cad



- 1 Barbed connector for tubing, nominal diameter 3 mm
- 2 Visual indicator

Ordering data

	Pneumatic connection	Part No.	Type
	3/2-way valve, normally closed		
	Barbed connector for 3 mm I.D. tubing	31008	SMPO-1-H-B

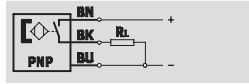
Proximity sensors SMT-C1, block design, magneto-inductive

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Technical data

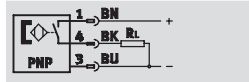
Function

PNP, N/O contact, with cable



Function

PNP, N/O contact, with plug



- Magneto-inductive measuring principle
- For standard cylinders CDN-...-R with sensor strip



General technical data	
Design	Block design
Based on standard	EN 60947-5-2
Certification	C-Tick
CE mark (see declaration of conformity)	To EU EMC Directive ¹⁾
Note on materials	Cable free of halogen Free of copper and PTFE

- 1) For information about the applicability of the component see the manufacturer's EC declaration of conformity at: www.festo.com → Support → User documentation.
If the component is subject to restrictions on usage in residential, office or commercial environments or small businesses, further measures to reduce the emitted interference may be necessary.

Input signal/measuring element	
Measuring principle	Magneto-inductive
Ambient temperature [°C]	-20 ... +70

Switching output	
Switching output	PNP
Switching element function	N/O contact
Switch-on time [ms]	0 ... 0.5
Switch-off time [ms]	0 ... 0.5
Max. output current [mA]	200
Max. switching capacity DC [W]	6
Voltage drop [V]	0 ... 1.8

Output, additional data	
Protection against short circuit	Pulsed
Protection against overloading	Yes

Electronic components	
Operating voltage range DC [V]	10 ... 30
Residual ripple [%]	10
Reverse polarity protection	For all electrical connections

Electromechanical components			
Type	SMT-C1-...-OE	SMT-C1-...-M8D	SMT-C1-...-M12
Electrical connection	Cable, 3-wire	Cable with plug M8x1, 3-pin, rotatable thread	Cable with plug M12x1, 3-pin
Connection direction	In-line		
Cable length [m]	–	0.3	0.3
	5	–	–
	10		
Cable sheath materials	TPE-O		

Proximity sensors SMT-C1, block design, inductive

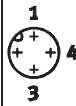
Technical data

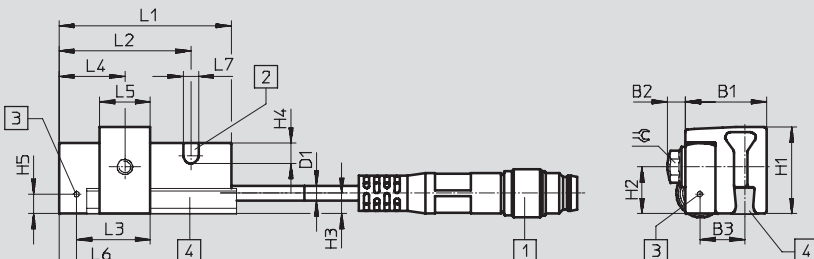
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Mechanical components	
Type of mounting	Clamped
Tightening torque [Nm]	1.2
Mounting position	Any
Housing materials	High-alloy stainless steel
	Wrought aluminium alloy
	Nickel-plated brass
	PP
	TPE-O
	TPE-U(PU)

Display/operation	
Switching status display	Yellow LED

Immissions/emissions	
Ambient temperature with flexible cable installation [°C]	−20 ... +70
Protection class	To IEC 60529
	IP65
	IP68

Pin allocation to EN 60947-5-2			
M8x1, 3-pin			
N/O contact			
	Pin	Wire colour	Allocation
	1	Brown	+
	3	Blue	−
	4	Black	Output
M12x1, 3-pin			
N/O contact			
	Pin	Wire colour	Allocation
	1	Brown	+
	3	Blue	−
	4	Black	Output

Dimensions										Download CAD Data → www.festo.com/us/cad									
										1 Example: Plug M8 2 Yellow LED 3 Theoretical switching point 4 Mounting rail on the drive									

	B1	B2	B3	D1	H1	H2	H3	H4	H5	L1	L2	L3	L4	L5	L6	L7	≅
SMT-C1	16	3.5	8.8	3	17	9.2	4	4	3.8	34	26	14.5	13	10	3.5	3	5.5

Ordering data							
	Switching output	Electrical connection			Cable length [m]	Part No.	Type
		Cable	Cable with plug				
			M8x1, rotatable thread	M12x1			
	N/O contact						
	PNP	3-wire	–	–	5	571339	SMT-C1-PS-24V-K-5,0-OE
					10	571340	SMT-C1-PS-24V-K-10,0-OE
		–	3-pin	–	0.3	571342	SMT-C1-PS-24V-K-0,3-M8D
		–	–	3-pin	0.3	571341	SMT-C1-PS-24V-K-0,3-M12

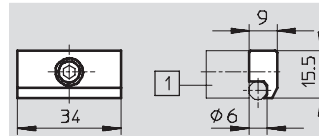
Proximity sensors, block design

Accessories

FESTO

Mounting kit SMB-1

Material:
Die-cast zinc

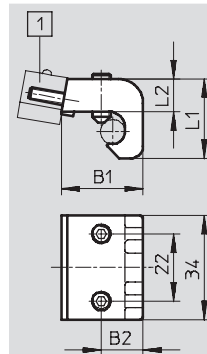


1 Proximity sensor SM...-1

Dimensions and ordering data		
For piston Ø	Part No.	Type
32 ... 100	11886	SMB-1

Mounting kit SMB-2-B/SMB-3-B

Material:
Die-cast aluminium

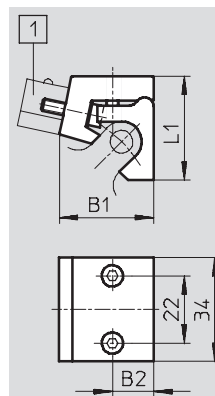


1 Proximity sensor SM...-1

Dimensions and ordering data					
For piston Ø	B1	B2	L1	L2	Part No. Type
32 ... 50	18	11	23	11.6	36162 SMB-2-B
63 ... 100	26.8	13.7	26	10.8	36163 SMB-3-B

Mounting kit SMBU

Material:
Die-cast aluminium



1 Proximity sensor SM...-1

Dimensions and ordering data				
For piston Ø	B1	B2	L1	Part No. Type
32 ... 50	19	8.5	30	36173 SMBU-1-B ¹⁾
63 ... 100	31	13.5	34	36174 SMBU-2-B ¹⁾
125	31	13.5	37	125828 SMBU-3-B

1) Free of copper and PTFE

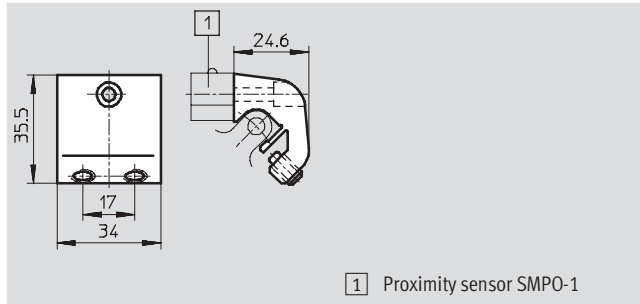
Proximity sensors, block design

Accessories

FESTO

Mounting kit SMBU-1-H-32

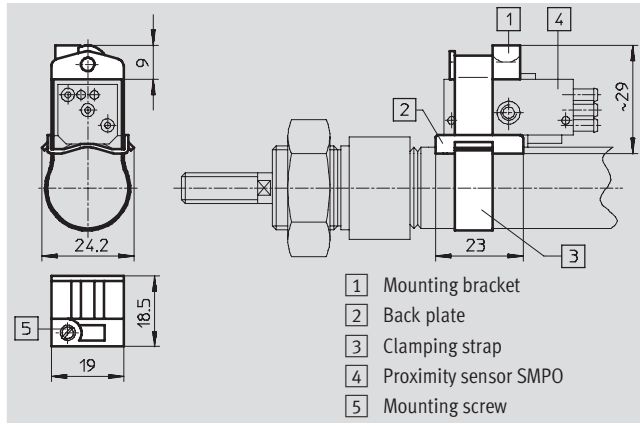
Material:
Aluminium



Dimensions and ordering data		
For piston Ø	Part No.	Type
32	150216	SMBU-1-H-32

Mounting kit SMBS

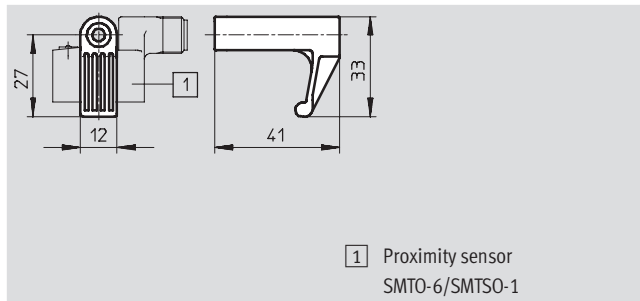
Material:
Brass, plastic



Dimensions and ordering data		
For piston Ø	Part No.	Type
8 ... 25	151225	SMBS-1
32 ... 100	151226	SMBS-2

Mounting kit SMBT-1

Material:
Die-cast zinc



Dimensions and ordering data		
For piston Ø	Part No.	Type
32 ... 200	150002	SMBT-1

Proximity sensors, block design

Accessories

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Ordering data – Connecting cables				Technical data → Internet: nebu	
		Number of wires	Cable length [m]	Part No.	Type
Socket M8x1, 3-pin					
	For SMT-C1 and SMT0/SME0-1	3	2.5	541333	NEBU-M8G3-K-2.5-LE3
			5	541334	NEBU-M8G3-K-5-LE3
	For SMT-C1 and SMT0/SME0-1	3	2.5	541338	NEBU-M8W3-K-2.5-LE3
			5	541341	NEBU-M8W3-K-5-LE3
Socket M12x1, 5-pin					
	For SMT-C1 and SMT0-6, SMTSO-1	3	2.5	541363	NEBU-M12G5-K-2.5-LE3
			5	541364	NEBU-M12G5-K-5-LE3
	For SMT-C1 and SMT0-6, SMTSO-1	3	2.5	541367	NEBU-M12W5-K-2.5-LE3
			5	541370	NEBU-M12W5-K-5-LE3

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