# Proximity switches, block design

# **FESTO**



## Proximity switches, block design

# Product range overview

Measuring	Design	Туре	Mounting	Switching element function		Switching	Electrical connection	
principle				N/O	N/C contact	output	Cable	Plug
Magneto-	Operating voltag	ge range 10 30 V DC						
inductive		SMTO-1	With accessories	•	-	PNP	3-wire	M8x1, 3-pin
				•	-	NPN	3-wire	M8x1, 3-pin
		SMTSO-1 Welding field resistant		•	-	PNP	-	M12x1, 3-pin
Magnetic reed	Operating voltag	ge range 0 30 V DC						
		SMEO-1	With accessories	•	-	Contacting	-	M8x1, 3-pin <sup>1)</sup>
				•	-		3-wire	M8x1, 3-pin
	Operating voltage range 0 250 V AC, 0 200 V DC							
		SMEO-1-B	With accessories	•	-	Contacting	2-wire	-
		SMEO-1		•	-		2-wire	-
				•	-		2-wire	-
		SMEO-1-S6-C Heat resistant up to 120°C		•	-		2-wire	-
Magnetic	Pneumatic proxi	mity switch, operating pres	sure 2 6 bar					
		SMP0-1	With accessories	<b>2</b> )	-	-	-	-
Nagneto-	Operating voltage	ge range 10 30 V DC						-
nductive		SMT-C1	Clamped	•	-	PNP	3-wire	M8x1, 3-pin M12x1, 3-pin

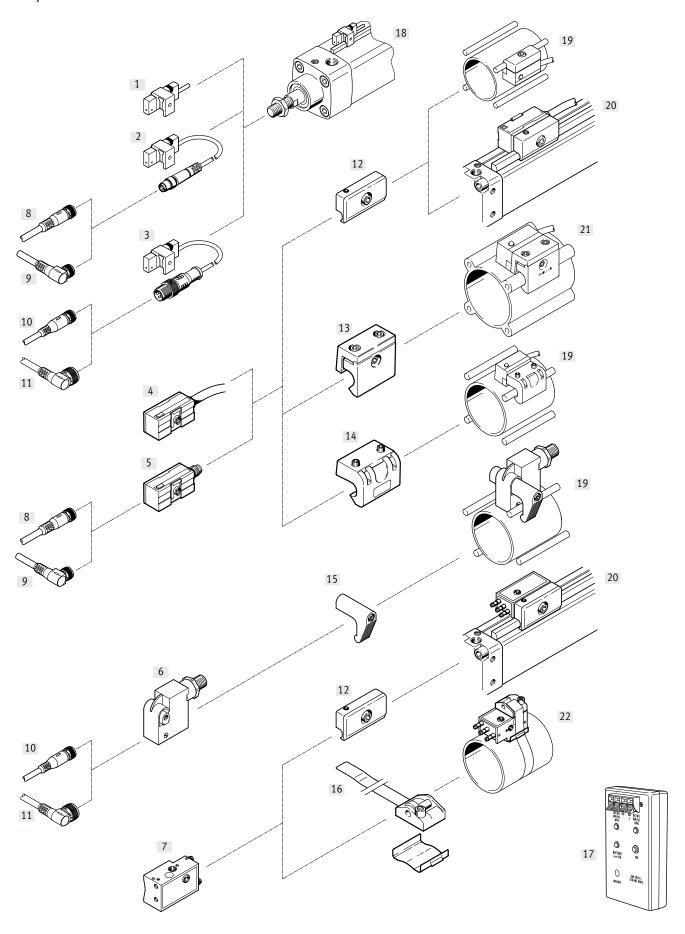
The proximity switch has 2 wires internally. One pin of the M8 plug is unused.
 3/2-way valve, normally closed

# Product range overview

Туре	Outlet direction of o	connection	Replacement without	Switching status	Free of copper and PTFE	→ Page
	In-line	Lateral	adjustment	indication via LED		
Operating voltage rang	ge 10 30 V DC	·			·	•
SMTO-1	•	-	<b>1</b> )	-	•	7
	-	-	<b>1</b> )	•	-	
SMTSO-1	•	-	-	-	-	10
Welding field resistant						
Operating voltage rang	re 0 30 V DC					
SMEO-1	■ ■	-	<b>1</b> )	-		12
						-
	•	-	<b>1</b> )	•	•	
0		00 V DC				
Operating voltage rang	1	00 V DC	<b>1</b> )	_		12
SWEO-1-B	•	_	<b>■</b> 1)	_	_	12
SMEO-1	•	-	<b>1</b> )	•	-	
	•	-	<b>1</b> )	-	-	
SMEO-1-S6-C Heat resistant up to 120°C	•	-	<b>1</b> )	•	-	
Pneumatic proximity s	witch operating proces	uro 2 6 har				
SMPO-1	wittii, operatiig pressi		<b>1</b> )	_ 2)	-	17
Operating voltage rang	T .					1
SMT-C1	•	-	-	•	•	19

Not in combination with mounting kit SMB-1 or SMBS-...
 Switching status is indicated via a plunger

# Peripherals overview



# Peripherals overview

Mou	nting attachments and accessories		
		Brief description	→ Page/Internet
Proxi	imity switch		
[1]	SMT-C1	Magneto-inductive, with cable and clamping element	19
[2]	SMT-C1	Magneto-inductive, with cable and plug M8x1 and clamping element	19
[3]	SMT-C1	Magneto-inductive, with cable and plug M12x1 and clamping element	19
[4]	SMTO-1	Magneto-resistive, with cable	7
	SMEO-1	Magnetic reed, with cable	12
[5]	SMTO-1	Magneto-resistive, with plug M8x1	7
	SMEO-1	Magnetic reed, with plug M8x1	12
[6]	SMTSO-1	Magneto-resistive, welding field resistant, with plug M12x1	10
[7]	SMPO-1	Pneumatic	17
Διτε	ssories		
[8]	Connecting cable NEBU-M8G3	Straight socket, M8x1, 3-pin	24
[9]	Connecting cable NEBU-M8W3	Angled socket, M8x1, 3-pin	
[10]	Connecting cable NEBU-M12G5	Straight socket, M12x1, 3-pin	
[11]	Connecting cable NEBU-M12W5	Angled socket, M12x1, 3-pin	
[12]	Mounting kit SMB-1	For drives with tie rod Ø 6 mm or mounting strip	22
		For standards-based cylinders DSBG	
[13]	Mounting kit SMBU-1-B	For standards-based cylinders DNU	22
[14]	Mounting kits SMB-2-B, SMB-3-B	For standards-based cylinders DSBG	22
[15]	Mounting kit SMBT-1	For standards-based cylinders DSBG	23
[16]	Mounting kit SMBS	For round cylinders	23
[17]	Sensor tester SM-TEST-1	-	sm-test-1
Drive	es		
[18]	Standards-based cylinder DSBF-C or CDNR with	Ø 32 100 mm	-
	sensor rail	2 32 200	
[19]	Standards-based cylinder DSBG	Ø 32 125 mm	-
[20]	Flat cylinder DZH	Ø 32 63 mm	-
	Semi-rotary drive DRQ	Ø 40 100 mm	
[21]	Standards-based cylinder DNU	Ø 32 125 mm	
[22]	Round cylinder	Ø 8 100 mm	

# Proximity switches, block design

# Type codes

001	Series	
SMTO-1	Proximity switch, block design, magneto-resistive	
002	Switching output, switching element function	
PS	PNP, N/O contact, 3-wire	
NS	NPN, N/O contact, 3-wire	
003	Electrical connection, cable length	
K	Cable, 2.5 m	
S	Plug M8x1	

004	Switching status indication	
LED	Yellow LED	
005	Rated operating voltage	
24	24 V DC	
	Generation	
006	Generation	

001	Series	
SMTSO-1	Proximity switch, block design, magneto-resistive, welding field resistant	
002	Switching output, switching element function	
PS	PNP, N/O contact, 3-wire	

003	Electrical connection, cable length	
S	Plug M8x1	
004	Switching status indication	
LED	Yellow LED	
<b>LED</b> 005	Yellow LED  Rated operating voltage	

001	Series	
SMEO-1	Proximity switch, block design, magnetic, reed	
002	Temperature range	
S6	Heat-resistant seals max. 120 °C	
003	Electrical connection, cable length	
S	Plug M8x1 with cable, 0.3 m	
K5	Cable, 5.0 m	

004	Switching status indication
	None
LED	Yellow LED
005	Rated operating voltage
24	24 V DC
230	230 V AC
006	Generation
В	Series B
С	Series C

001	Series	
SMPO-1	Proximity switch, block design, magnetic	
Loop	Draumatic connection	
002	Pneumatic connection	
Н	Barbed connector, 3 mm	

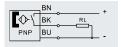
Generation	
Series B	
_	

001	Series	
SMT-C1	Proximity switch, block design, magneto-inductive	
002	Switching output, switching element function	
PS	PNP, N/O contact, 3-wire	
003	Rated operating voltage	
24V	24 V	
004	Version	
K	Cable	

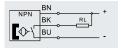
005	Cable length				
0,3	0.3 m				
5,0	5.0 m				
10,0	10.0 m				
		,			
006	Electrical connection				
OE	Open end				
M8D	Cable with plug M8x1, rotatable thread				
M12	Cable with plug M12x1				

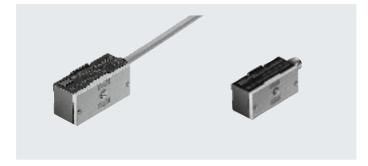
#### Function

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



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





Design		
Design		Block design
Type of mounting		With accessories
Max. tightening torque	[Nm]	0.3
Outlet direction of connection		In-line
Switching status indication		Yellow LED
Reproducibility of switching value <sup>1)</sup>	[mm]	±0.1

<sup>1)</sup> Only applicable to drives protected against rotation.

Technical data					
		SMTOK	SMTOS		
Switching output		PNP	PNP		
		NPN			
Switching element function		N/O			
Measured variable		Position			
Measuring principle		Magneto-inductive			
Operating voltage range	[V DC]	10 30			
Max. output 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			
Short circuit current rating		Yes	Pulsed		
Overload protection		Available			
Reverse polarity protection	Reverse polarity protection		For all electrical connections		
Cable characteristic		Standard	-		
Inductive protective circuit		Adapted to MZ, MY, ME coils			

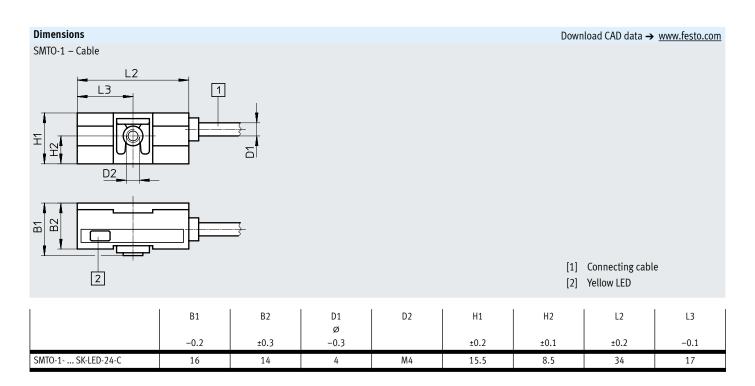
Operating and environmental conditions				
Variant	SMTOK	SMTOS		
Ambient temperature [°C]	-25 +70			
Ambient temperature with flexible cable installation [°C]	-5 +70	-		
Certification	RCM			
Degree of protection	IP67			
Based on standard	EN 60947-5-2			
CE marking	To EU EMC Directive <sup>1)</sup>			
(see declaration of conformity)	To EU RoHS Directive			
UKCA marking	To UK instructions for EMC			
(see declaration of conformity)	To UK RoHS instructions			
Note on materials	RoHS-compliant			

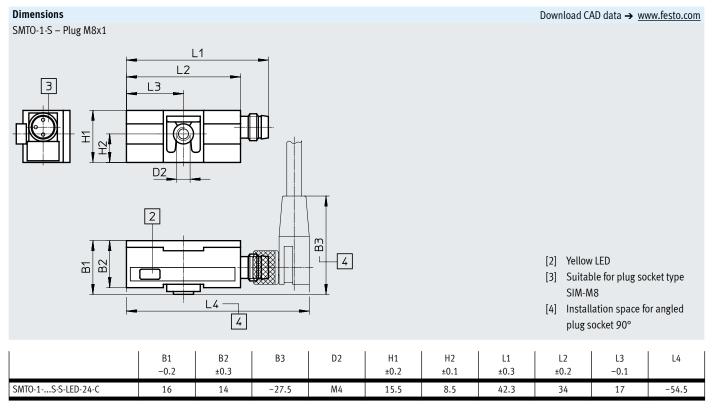
<sup>1)</sup> For information about the area of use, see the EC declaration of conformity at: www.festo.com/catalogue/SMTO-1 Support/Downloads.

If the devices are subject to usage restrictions in residential, commercial or light-industrial environments, further measures for the reduction of the emitted interference may be necessary.

## Proximity switches SMTO-1, block design, magneto-inductive

Materials							
Variant	SMTOK	SMTOS					
Housing	PET, die-cast zinc	PET, PC, POM, PUR, steel, die-cast zinc					
Cable sheath	PVC	-					
Note on materials	Free of copper and PTFE						



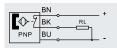


Ordering data							
	Switching output	Electrical conne	Electrical connection		Product weight	Part no.	Туре
		Cable	Plug M8x1	[m]	[g]		
	N/O						
	PNP	3-wire	-	2.5	85	151683	SMTO-1-PS-K-LED-24-C
		-	3-pin	-	20	151685	SMTO-1-PS-S-LED-24-C
	NPN	3-wire	-	2.5	85	151684	SMTO-1-NS-K-LED-24-C
		-	3-pin	-	20	151686	SMTO-1-NS-S-LED-24-C

## Proximity switches SMTSO-1, block design, magneto-inductive

#### Data sheet

Function PNP, N/O contact, with plug



- Welding field resistant
- Magneto-inductive measuring principle



Design				
Design		Block design		
Type of mounting		With accessories		
Tightening torque	[Nm]	< 0.3		
Outlet direction of connection	,	In-line		
Switching status indication		Yellow LED		
Ready status indication		Green LED		
Reproducibility of switching value <sup>1)</sup>	[mm]	±0.1		

<sup>1)</sup> Only applicable to drives protected against rotation.

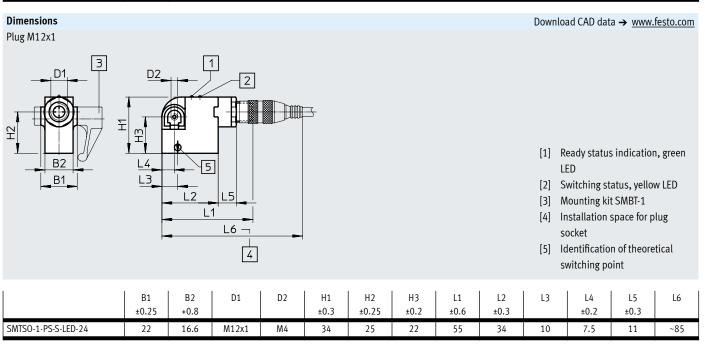
Technical data – PNP, N/O contact		
Switching output		PNP
Switching element function		N/O
Measured variable	,	Position
Measuring principle		Magneto-inductive
Based on standard		EN 60947-5-2
Electrical connection		Plug M12x1, 3-pin
Operating voltage range	[V DC]	10 30
Max. output current	[mA]	200
Max. switching capacity DC	[W]	6
Voltage drop	[V]	3
Residual current	[mA]	0.01
Switch-on time	[ms]	≤35
Switch-off time	[ms]	≤20
Immunity to interference from magnetic fields		Alternating magnetic field 50 60 Hz
Short circuit current rating		Pulsed
Overload protection		Available
Reverse polarity protection		For all electrical connections
Special characteristics		Weld field immune, resistant to welding spatter

Operating and environmental conditions				
Ambient temperature	[°C]	-25 +70		
CE marking (see declaration of conformity)		To EU EMC Directive <sup>1)</sup>		
		To EU RoHS Directive		
UKCA marking (see declaration of conformity)		To UK instructions for EMC		
		To UK RoHS instructions		
Certification		RCM		
Degree of protection		IP67		

<sup>1)</sup> For information about the area of use, see the EC declaration of conformity at: www.festo.com/catalogue/SMTSO-1 -> Support/Downloads.

If the devices are subject to usage restrictions in residential, commercial or light-industrial environments, further measures for the reduction of the emitted interference may be necessary.

Materials	
Housing	PA, PUR, die-cast zinc
Note on materials	RoHS-compliant



	Ordering data					
		Switching output	Electrical connection	Product weight [g]	Part no.	Туре
ſ		N/O				
		Welding field resistant				
		PNP	Plug M12x1, 3-pin	70	30441	SMTSO-1-PS-S-LED-24

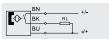
Ordering data – Con	Ordering data – Connecting cables						
	Switching output	Cable length	Weight	Part no.	Type		
		[m]	[g]				
Resistant to welding	spatter						
	3-wire, M12x1 socket, straight	3	-	30450	SIM-M12-RS-3GD-3		
TITE							
<b>S</b>	3-wire, M12x1 socket, angled	3	-	30451	SIM-M12-RS-3WD-3		

## Proximity switches SMEO-1, block design, magnetic reed

#### Data sheet

Function

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

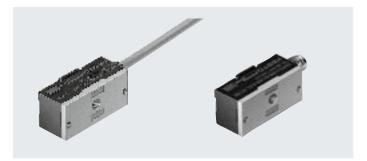


e.g. N/O contact, 3-wire, with

plug



• Magnetic reed measuring principle



General technical data							
Electrical connection	3-wire		2-wire				
Туре	SMEO-124	SMEO-1-S-24-B	SMEO-1-LED-230	SMEO-1-B	SMEO-1-S6,		
					heat resistant		
Design	Block design	Block design					
Conforms to standard	-	-	EN 60947-5-2	DIN EN 60947-5-2	DIN EN 60947-5-2		
Certification	RCM	-	RCM	-	-		
CE marking	To EU EMC Directive		To EU EMC Directive		-		
(see declaration of conformity)	-		To EU Low Voltage Direc	To EU Low Voltage Directive			
Note on materials	Free of copper and PTFE		•				

<sup>1)</sup> For information about the area of use, see the EC declaration of conformity at: www.festo.com/catalogue/SMEO-1 → Support/Downloads.

If the devices are subject to usage restrictions in residential, commercial or light-industrial environments, further measures for the reduction of the emitted interference may be necessary.

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

Switching output							
Electrical connection	3-wire		2-wire	2-wire			
Туре		SMEO-124	SMEO-1-S-24-B	SMEO-1-LED-230	SMEO-1-B	SMEO-1-S6, heat resistant	
Switching output		Contacting, bipolar					
Switching element function		N/O					
Reproducibility of switching value <sup>1)</sup>	[mm]	±0.1					
Switch-on time	[ms]	≤0.5		0.5			
Switch-off time	[ms]	-		0.03			
Max. switching frequency	[Hz]	-		500			
Max. output current	[mA]	1000		-	1000	1000	
Max. output current DC	[mA]	-		120	-	-	
Max. output current AC	[mA]	-		250	-	-	
Max. switching capacity DC	[W]	27		40	40		
Max. switching capacity AC	[VA]	27		40	40		
Voltage drop	[V]	-		≤4.5	≤4.5 0		
Residual current	[mA]	-		0			

<sup>1)</sup> Only applicable to drives protected against rotation.

Output, additional data	
Short circuit current rating	No
Overload protection	Not provided

Electronics								
Electrical connection		3-wire		2-wire	2-wire			
Type SM		SMEO-124	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]	12 27	12 27		0 250	0250		
Reverse polarity protection		No						

Electromechanical systems							
Electrical connection	3-wire		2-wire	2-wire			
Туре	SMEO-124	SMEO-1-S-24-B	SMEO-1-LED-230	SMEO-1-B	SMEO-1-S6, heat resistant		
Electrical connection	Cable and plug	Plug M8x1, 3-pin	Cable	Cable			
Outlet direction of connection	In-line	-	In-line	In-line			
Materials – Cable sheath	TPE-U(PUR)	-	PVC	PVC	TPE-S		

Mechanical components									
Electrical connection		3-wire		2-wire	2-wire				
Туре		SMEO-124	SMEO-1-S-24-B	SMEO-1-LED-230	SMEO-1-B	SMEO-1-S6,			
						heat resistant			
Type of mounting		With accessories							
Mounting position		Any							
Tightening torque	[Nm]	_		2.9					

Materials		
Housing	-	Epoxy resin
	_	PC
	PET	PET
	-	Steel
	-	TPE-O
	-	Die-cast zinc
	-	Steel

# Proximity switches SMEO-1, block design, magnetic reed

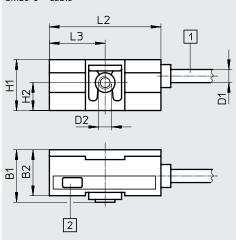
Display/operation					
Electrical connection	3-wire		2-wire		
Туре	SMEO-124	SMEO-1-S-24-B	SMEO-1-LED-230		SMEO-1-S6, heat resistant
Switching status indication	Yellow LED	_	Yellow LED	_	_

Immission/emission						
Electrical connection	3-wire	3-wire		2-wire		
Туре	SMEO-124	SMEO-1-S-24-B	SMEO-1-LED-230	SMEO-1-B	SMEO-1-S6, heat resistant	
Ambient temperature with flexible cable [°C] installation	-5 +70	-5 +70		-5 +70		
Degree of protection	IP67		IP67	IP67		
Surge resistance [kV]	-	-		4		
Pollution degree	-		3	3		

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

# Dimensions

SMEO-1 - Cable



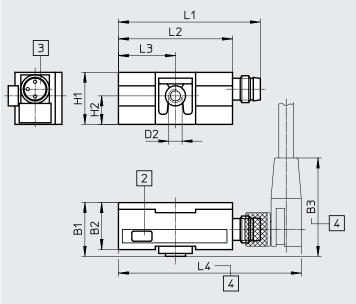
Download CAD data → www.festo.com

- [1] Connecting cable
- [2] Yellow LED

	B1 -0.2	B2 ±0.3	D1 Ø +0.3	D2	H1 ±0.2	H2 ±0.1	L2 ±0.2	L3 -0.1
SMEO-1-S6-C	16	14	4.2	M4	15.5	8.5	34	17
SMEO-1-B								
SMEO-1-LED-24-K5-B								
SMEO-1-LED-230-B								
SMEO-1-LED-230-K5-B								
SMEO-1-LED-24-B								

#### **Dimensions**

SMEO-1-S - Plug M8x1



Download CAD data → www.festo.com

- [2] Yellow LED
- [3] Suitable for plug socket type SIM-M8
- [4] Installation space for angled plug socket 90°

	B1 -0.2	B2 ±0.3	В3	D2	H1 ±0.2	H2 ±0.1	L1 ±0.2	L2 ±0.2	L3 -0.1	L4
SMEO-1-S-LED-24-B	16	14	~27.5	M4	15.5	8.5	42	34	17	~54.5
SMEO-1-S-24-B										

# Proximity switches SMEO-1, block design, magnetic reed

Ordering data							
	Electrical connection		Cable length	Switching status indication	Product weight	Part no.	Туре
	Cable	Plug M8x1	[m]		[g]		
	N/O						
	Operating voltage r	ange 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 r	ange 0 30 V DC			•		
	-	3-pin <sup>1)</sup>	-	-	20	150847	SMEO-1-S-24-B
	Operating voltage r	ange 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

<sup>1)</sup> The proximity switch has 2 wires internally. One pin of the M8 plug is unused.

Function 3/2-way valve, normally closed



- Pneumatic proximity switch
- Magnetic measuring principle



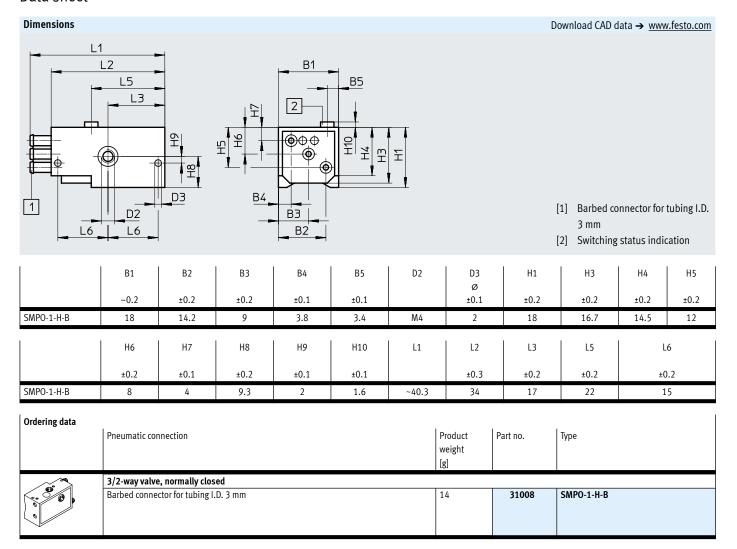
Design		
Design		Block design
Type of mounting		Via through-hole
		With accessories
Reproducibility of switching value <sup>1)</sup>	[mm]	±0.2
Switching status indication		Optical

1) Only applicable to drives protected against rotation.

Technical data		
Switching element function		3/2-way valve, normally closed
Operating medium		Compressed air to ISO 8573-1:2010 [6:4:4]
Note on the operating/pilot medium		Lubricated operation not possible
Operating pressure	[bar]	26
Switch-on time	[ms]	<30
Switch-off time	[ms]	<25
Pneumatic connection		Barbed connector for tubing I.D. 3 mm
Degree of protection		IP65

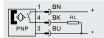
Operating and environmental conditions		
Ambient temperature	[°C]	-15 +60

Materials	
Housing	PA, POM
Barbed connector	Brass

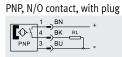


Function

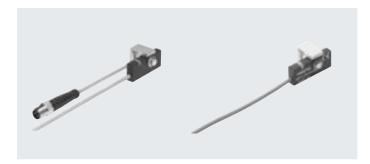
PNP, N/O contact, with cable



Function



- Magneto-inductive measuring principle
- For standards-based cylinders DSBF-C or CDN-...-R with sensor rail



General technical data	
Design	Block design
Based on standard	EN 60947-5-2
Certification	RCM
CE marking	To EU EMC Directive <sup>1)</sup>
(see declaration of conformity)	
Note on materials	Free of copper and PTFE
	Halogen-free

1) For information about the area of use, see the EC declaration of conformity at: www.festo.com/catalogue/SMT-C1 Support/Downloads.

If the devices are subject to usage restrictions in residential, commercial or light-industrial environments, further measures for the reduction of the emitted interference may be necessary.

Input signal/measuring element	t	
Measuring principle		Magneto-inductive
Measured variable		Position
Ambient temperature	[°C]	-20 +70

Switching output		
Switching output		PNP
Switching element function		N/O
Switch-on time	[ms]	00.5
Switch-off time	[ms]	00.5
Max. output current	[mA]	200
Max. switching capacity DC	[W]	6
Voltage drop	[V]	01.8

Output, additional data	
Short circuit current rating	Pulsed
Overload protection	Available

# Proximity switches SMT-C1, block design, inductive

Electronics		
Operating voltage range DC	[V]	1030
Residual ripple	[%]	10
Reverse polarity protection		For all electrical connections

Electromechanical systems					
Туре		SMT-C1OE	SMT-C1M8D	SMT-C1M12	
Electrical connection		Cable, 3-wire	Cable with plug M8x1, 3-pin, rotatable	Cable with plug M12x1, 3-pin	
			thread		
Outlet direction of connection		In-line			
Cable length	[m]	-	0.3	0.3	
		5	_	-	
		10			
Information on materials: Cable sheath		TPE-O			
Wire ends		Wire end sleeve		·	

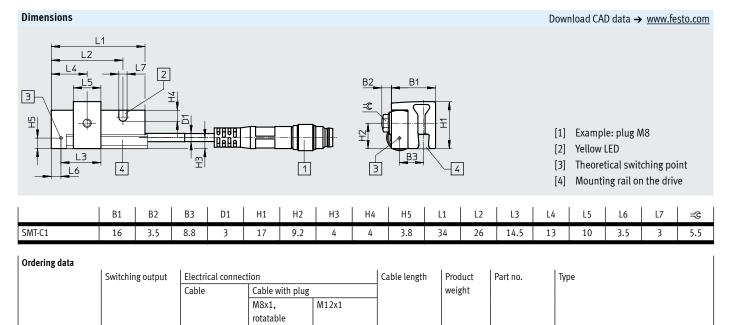
Mechanical components		
Type of mounting		Clamped
Tightening torque	[Nm]	1.2
Mounting position		Any
Information on housing materials		High-alloy stainless steel
		Wrought aluminium alloy
		Nickel-plated brass
		PP
		TPE-O
		TPE-U(PU)

Display/operation	
Switching status indication	Yellow LED

Immission/emission	-	
Ambient temperature with flexible cable	[°C]	-20 +70
installation		
Degree of protection		To IEC 60529
		IP65
		IP68

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

M12x1, 3-pin			
N/O			
	Pin	Wire colour	Allocation
	1	Brown	+
+	3	Blue	-
3 (+ +)1	4	Black	Output
4			



[m]

10

0.3

0.3

3-pin

[g]

65.9

114.5

24.4

32.6

571339

571340

571342

571341

SMT-C1-PS-24V-K-5.0-OE

SMT-C1-PS-24V-K-10.0-0E

SMT-C1-PS-24V-K-0.3-M8D

SMT-C1-PS-24V-K-0.3-M12

thread

3-pin

3-wire

N/O

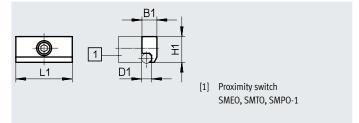
PNP

#### Accessories

#### Mounting kit SMB-1

Material: Die-cast zinc





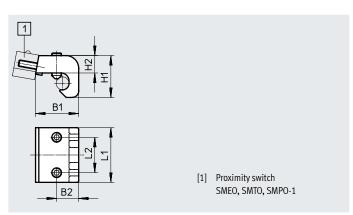
Dimensions and ordering data						
For piston Ø	B1	D1	H1	L1	Part no.	Туре
		Ø				
32 100	9	6	15.5	34	11886	SMB-1

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

Material:

Die-cast aluminium





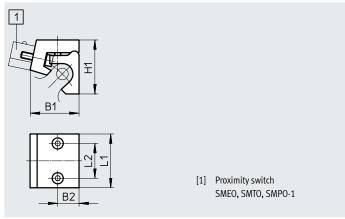
Dimensions and ordering data								
For piston Ø	B1	B2	H1	H2	L1	L2	Part no.	Туре
32 50	18	11	23	11.6	34	22	36162	SMB-2-B
63 100	26.8	13.7	26	10.8	34	22	36163	SMB-3-B

### Mounting kit SMBU

Material:

Die-cast aluminium





Dimensions and ordering data							
For piston Ø	B1	B2	H1	L1	L2	Part no.	Туре
32 50	19	8.5	30	34	22	36173	SMBU-1-B <sup>1)</sup>
63 100	31	13.5	34	34	22	36174	SMBU-2-B <sup>1)</sup>
125	31	13.5	37	34	22	152828	SMBU-3-B

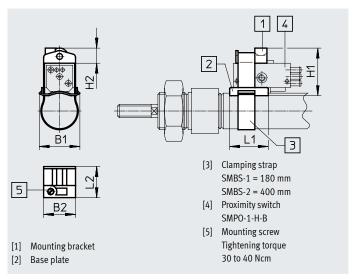
<sup>1)</sup> Free of copper and PTFE

## Accessories

#### Mounting kit SMBS

Material: Brass, polymer



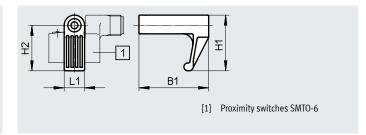


Dimensions and ordering data								
For piston Ø	B1	B2	H1	H2	L1	L2	Part no.	Туре
8 25	24.2	19	~29	9	23	18.5	151225	SMBS-1
32 100							151226	SMBS-2

#### Mounting kit SMBT-1

Material: Die-cast zinc





Dimensions and ordering data						
For piston Ø	B1	H1	H2	L1	Part no.	Туре
	±0.3		±0.2	±0.2		
32 200	41	33	27	12	150002	SMBT-1

# Proximity switches, block design

# Accessories

Ordering data –	Connecting cables				Data sheets → Internet: nebu
		Number of wires	Cable length [m]	Part no.	Туре
Socket M8x1, 3-	pin	,			
	For SMT-C1 and SMTO/SMEO-1	3	2.5	541333	NEBU-M8G3-K-2.5-LE3
3			5	541334	NEBU-M8G3-K-5-LE3
	For SMT-C1 and SMTO/SMEO-1	3	2.5	541338	NEBU-M8W3-K-2.5-LE3
	,		5	541341	NEBU-M8W3-K-5-LE3
Socket M12x1, 5	<u>-</u>				
	For SMT-C1 and SMTO-6, SMTSO-1	3	2.5	541363	NEBU-M12G5-K-2.5-LE3
			5	541364	NEBU-M12G5-K-5-LE3
	For SMT-C1 and SMTO-6, SMTSO-1	3	2.5	541367	NEBU-M12W5-K-2.5-LE3
			5	541370	NEBU-M12W5-K-5-LE3
Ordering data –	Connecting cables		<u>'</u>		
•	Switching output	Cable length [m]	Weight [g]	Part no.	Туре
Resistant to wel	ding spatter	·	•	·	
	3-wire, M12x1 socket, straight	3	-	30450	SIM-M12-RS-3GD-3
	3-wire, M12x1 socket, angled	3	_	30451	SIM-M12-RS-3WD-3
			•		•