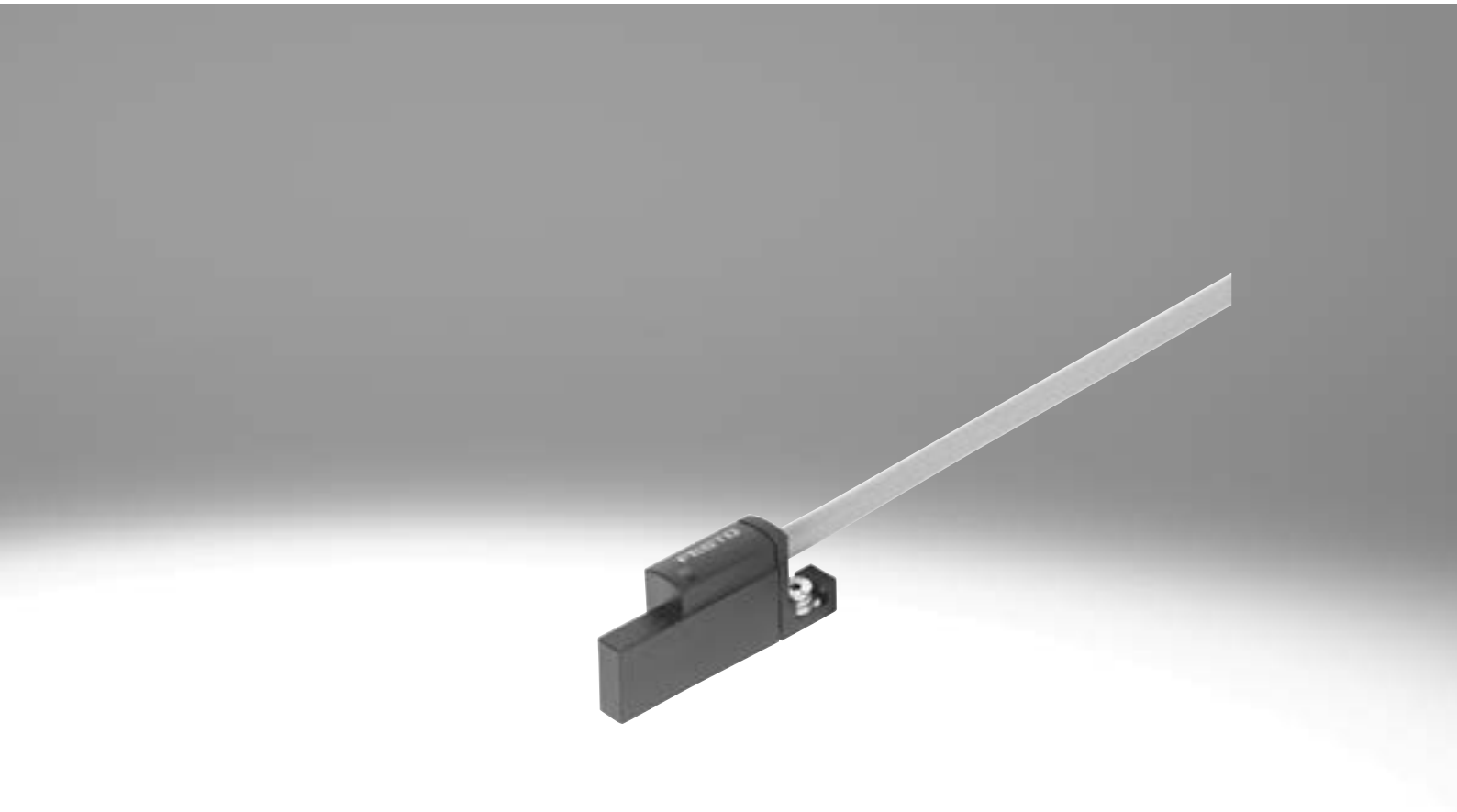
Proximity switches SDBT for T-slot



Product range overview

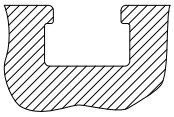
Design	Type of mounting	Measuring principle	Type	Operating voltage range	Switching output	Switching element function	→ Page
For T-slot	**Standard**						
	Screw-clamped, inserted in the slot from above	Magnetic Hall	SDBT-MSX	10 ... 30 V DC	PNP/NPN, switchable	N/O/ N/C contact, switchable	–
	Inserted in the slot from above, flush with the cylinder profile	Magneto-resistive	SMT-8M-A	5 ... 30 V DC	PNP	N/O contact	–
						N/C contact	
					NPN	N/O contact	
					Non-contacting, 2-wire	N/O contact	
	Inserted in the slot from above, flush with the cylinder profile	Magnetic reed	SME-8M	5 ... 30 V AC/DC	Contacting, bipolar	N/O contact	–
						N/C contact	
	Inserted in the slot lengthwise, flush with the cylinder profile	Magnetic reed	SME-8	12 ... 30 V AC/DC	Contacting, bipolar	N/O contact	–
						N/C contact	
				3 ... 230 V AC/DC		N/O contact	–
	Insertable in the slot lengthwise	Magneto-resistive	SMT-8G	10 ... 30 V DC	PNP, NPN	N/O contact	–
		Magneto-resistive	SMT-8-SL	10 ... 30 V DC	PNP	N/O contact	–
		Magnetic reed	SME-8-SL	10 ... 30 V AC/DC	Contacting, bipolar	N/O contact	–
	With accessories	Magneto-resistive	SMTO-8E	10 ... 30 V DC	PNP	N/O contact	–
					NPN		
		Magnetic reed	SMEO-8E	12 ... 30 V DC	Contacting, bipolar	N/O contact	–
				3 ... 250 V DC			
				3 ... 230 V AC			
	Corrosion-resistant						
	Inserted in the slot from above, flush with the cylinder profile	Magneto-resistive	CRSMT-8M	5 ... 30 V DC	PNP	N/O contact	–
	Welding-field-resistant						
	Inserted in the slot from above, screw-clamped	Magneto-resistive	SDBT-BSW	10 ... 30 V DC	PNP	N/O contact	7
					NPN		
					Non-contacting, 2-wire		
	With accessories	Magneto-inductive	SMTSO-8E	10 ... 30 V DC	PNP	N/O contact	–
					NPN		
	Heat-resistant up to 120°C						
	Inserted in the slot lengthwise, flush with the cylinder profile	Magnetic reed	SME-8-...-S6	0 ... 30 V AC/DC	Contacting, bipolar	N/O contact	–
	With accessories	Magnetic reed	SMEO-8E-...-S6	0 ... 30 V DC	Contacting	N/O contact	–
				0 ... 30 V AC			
	To EU Explosion Protection Directive (ATEX)						
	Inserted in the slot from above, screw-clamped	Magneto-resistive	SDBT-MS-...-EX6	8.2 V DC	NAMUR	NAMUR	12

Product range overview

Design	Type of mounting	Measuring principle	Type	Operating voltage range	Switching output	Switching element function	→ Page
For C-slot	**Standard**						
	Inserted in the slot from above, flush with the cylinder profile	Magneto-resistive	SMT-10M	10 ... 30 V DC	PNP	N/O contact	C-slot
					NPN		
					Non-contacting, 2-wire		
		Magnetic reed	SME-10M	5 ... 30 V AC/DC	Contacting, bipolar	N/O contact	
	Insertable in the slot lengthwise	Magneto-resistive	SMT-10G	10 ... 30 V DC	PNP	N/O contact	
		Magnetic reed	SME-10	12 ... 27 V AC/DC	Contacting	N/O contact	

T-slot switches can be used for drives with T-slot

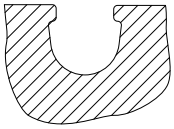
Exceptions



- DFM-B: SMTO-8E, SMTSO-8E, SMEO-8E and SMPO-8E cannot be used
- DHDS: SME-8M can only be used on Ø 50
- DHPS: SME-8M can only be used on Ø 20 ... 35
- HGDD-63-A: SMT-8M-A cannot be used
- HGPT-B: only SMT-8G can be used from size 40 and upwards
- SDBT-BSW- ... -PU/NU can only be used on a limited number of drive series. Page → 53

C-slot switches can be used for drives with C-slot

Exceptions

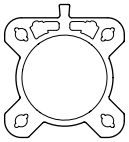


- ADVC Ø 100: SMT-10M and SME-10M cannot be used (ADVC has a T-slot and C-slot)
- DSM/DSM-B-6/8/10: SME-10M cannot be used
- DSM/DSM-B-10/16: SMT-10M cannot be used
- HGPT-B: only SMT-10G can be used for sizes up to and including size 35

For drives with sensor rail: these are available with 2 cylinder barrel contours

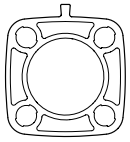
Only T-slot switches CRSMT-8M, SMT-8M-A and SDBT-MS- ... -EX6 can be used, and only with the identified profile.
CRSMT-8M and SMT-8M-A can be used for all diameters; SDBT-MS- ... -EX6 cannot be used for diameters 40 and 50.

Example: DSBF



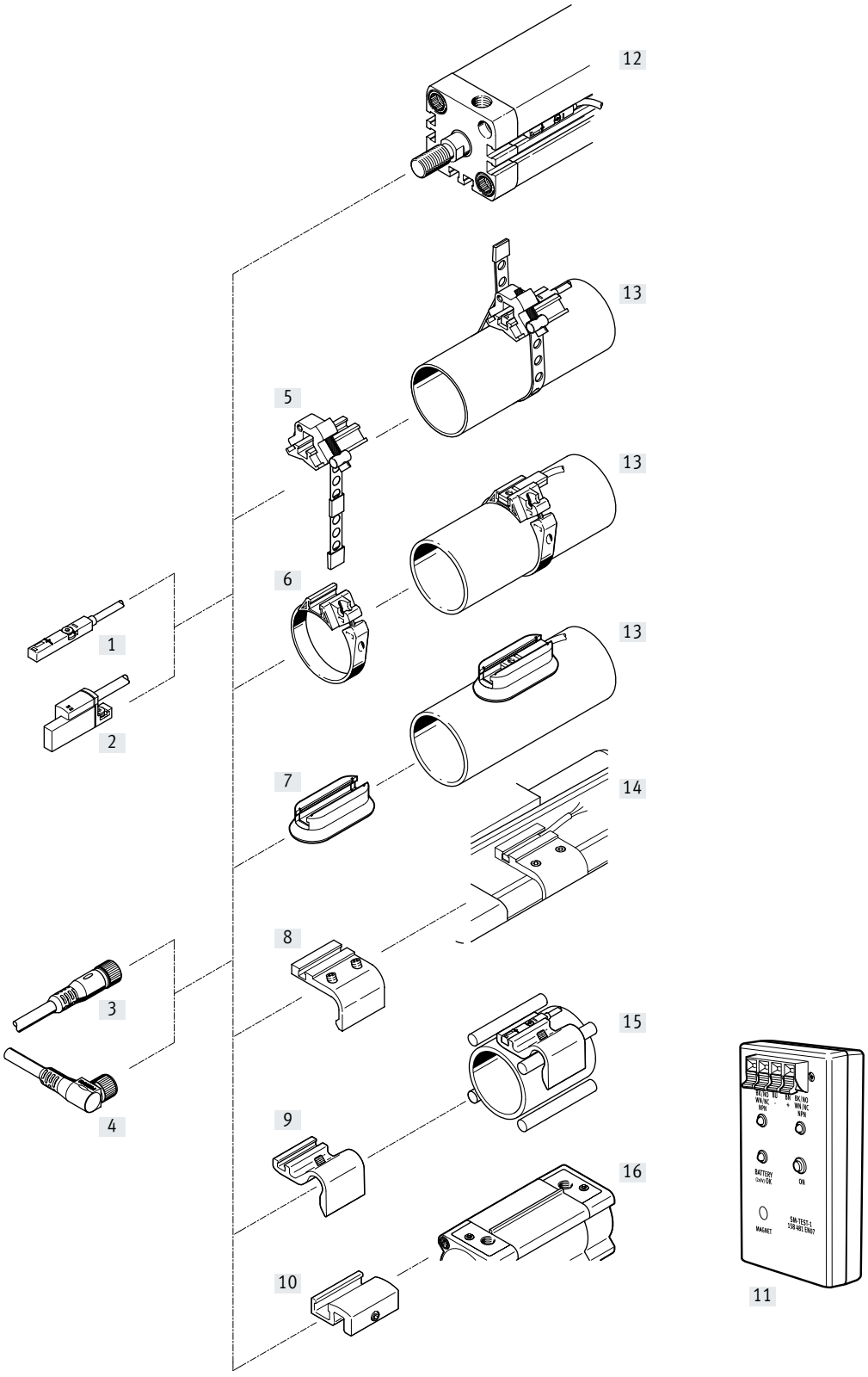
Suitable

Example: CDC



Not suitable

Peripherals overview



Peripherals overview

Mounting attachments and accessories		→ Page
Proximity switches		
[1]	SDBT-MS-...-EX6, with explosion protection	12
[2]	SDBT-BSW, welding-field-resistant	7
Connecting cables		
[3]	NEBU-M...G...	19
[4]	NEBU-M...W...	19

Mounting attachments and accessories		→ Page
Mounting kits and accessories		
[5]	Mounting kit SMBR-8-8/100-S6, heat resistant	15
[6]	Mounting kit SMBR	15
[7]	Mounting kit CRSMB, corrosion-resistant	16
[8]	Mounting kit SMB-8-FENG	16
[9]	Sensor bracket DASP-M4-...	17
[10]	Mounting kit SMB-8-C	17
[11]	Sensor tester SM-TEST-1	19
–	Positioning element SMM-8	18
–	Clip SMBK-8	19
–	Inscription label ASLR	19
–	Safety clip NEAU	19
Drives		
[12]	Drives with T-slot	–
[13]	Round cylinders	–
[14]	Standards-based cylinders DSBC	–
[15]	Drives with tie or mounting rod	–
[16]	Standards-based cylinders DSBF	–

Type codes

001	Series	
SDBT	Sensor, position, binary, T series	

002	Sensor version	
B	Can be inserted in the slot, clamping at rear	
M	Can be inserted in the slot	

003	Sensor principle	
S	Contactless (solid state)	

004	Additional features	
	None	
W	Welding field immune	

005	Nominal operating voltage	
20N	8.2 V DC (Namur)	
1	24 V DC	

006	Display	
L	LED	

007	Digital switching output	
PU	3-wire N/O contact, PNP	
NU	3-wire N/O contact, NPN	
ZN	2-wire, Namur	
ZU	2-wire N/O contact	

008	Cable characteristic	
E	Suitable for energy chains/robot applications	
W	Resistant to welding spatter	

009	Cable length [m]	
0,3	0,3 m	
5,0	5 m	
10,0	10 m	

010	Cable identification	
	With label holder	
N	Without label holder	

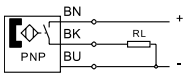
011	Electrical connection	
LE	Open end	
M12	Plug M12, A-coded	

012	EU certification	
	None	
EX6	II 1GD	

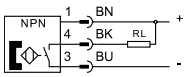
Data sheet – Magneto-resistive

Function

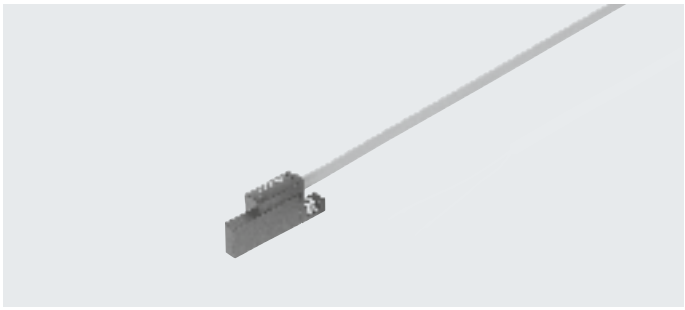
...-PU-...-LE



...-NU-...-M12



- Oil-resistant
- Welding-field-resistant, AC 50 ... 60 Hz, MFDC 1000 Hz
- Resistant to welding spatter
- UV-resistant



Note

- For contactless piston-rod position sensing on Festo pneumatic cylinders, in particular the hinge cylinder DWx for AMI, in low and medium frequency welding installations (50/60 Hz, 1000 Hz) with strong constant or alternating magnetic fields.
- When using the SDBT-BSW on drives other than the DWx series, multiple switching can occur.
- The SDBT-BSW-...-ZU-... (2-wire version for 50/60 Hz AC) can be used on all drives.
- The SDBT-BSW-...-PU/NU-... (3-wire version for 50/60 Hz AC and 1000 Hz MFDC) can be used on the following drives (see table). For drives that are not listed, reliable functioning cannot be guaranteed. The application range should be checked where necessary.

SDBT-BSW-...-PU/NU-... (3-wire version for 50/60 Hz AC and 1000 Hz MFDC)

Drive	ø	[mm]	8	10	12	16	18	20	25	32	40	50	63	80	100
DW/DWA/DWB			–	–	–	–	–	–	–	–	–	■	■	■	–
ADN			–	–	■	■	–	■	■	■	■	■	–	–	–
ADVU			–	–	■	■	–	■	■	■	■	■	–	–	–
DFM			–	–	■	■	–	■	■	■	■	■	■	–	–
DGC-K			–	–	–	–	■	–	■	–	–	–	–	–	–
DSBC			–	–	–	–	–	–	–	■	■	–	–	–	–
DSBG			–	–	–	–	–	–	–	■	■	■	■	–	■
DSNU			■	■	■	■	–	■	■	■	■	■	–	–	–

General technical data

Design	For T-slot
Based on standard	EN 60947-5-2
Certification	RCM compliance mark
	c UL us listed (OL)
Special characteristics	Oil-resistant
	Welding-field-resistant
	Resistant to welding spatter
	UV-resistant
Switching characteristics during the welding process	Output signal freezes
CE marking (see declaration of conformity)	To EU EMC Directive
KC mark	KC EMC
Note on materials	Free of copper and PTFE, RoHS-compliant

Input signal/measuring element

Measuring principle		Magneto-resistive
Measured variable		Position
Ambient temperature	[°C]	–25 ... +85

Signal processing

Max. speed of travel	[m/s]	1

Data sheet – Magneto-resistive

Switching output		...-PU-...	...- NU-...	...-ZU-...
Switching element function		N/O contact		
Repetition accuracy	[mm]	0.2		
Switch-on time	[ms]	≤15		
Switch-off time	[ms]	≤25		
Max. switching frequency	[Hz]	25		
Max. output current	[mA]	100		80
Max. output current in mounting kits	[mA]	100		80
Max. switching capacity DC	[W]	2.8		1.9
Max. switching capacity DC in mounting kits	[W]	2.8		1.9
Voltage drop	[V]	< 1.5		< 6
Minimum load current	[mA]	0		2.4
Off-state current	[mA]	< 0.005	< 0.14	< 0.7

Output, additional data		
Short circuit current rating		Yes, pulsed
Overload protection		Present

Electronics		
Switching output		PNP
Rated operating voltage	[V DC]	24
Operating voltage range	[V DC]	10 ... 30
Reverse polarity protection		For all electrical connections

Electromechanics	...-PU/ NU-...-M12	...-PU/ NU-...-LE	...-ZU-...-LE
Electrical connection	Cable with plug, 3-pin, M12x1 A-coded according to EN 61076-2-101, screw-type lock	Cable, 3-wire, open end	Cable, 2-wire, open end
Outlet direction of connection	In-line		
Cable characteristic	Resistant to welding spatter		
Cable test conditions	Test conditions on request		

Data sheet – Magneto-resistive

Mechanics		...-PU/ NU-...-M12	...-PU/ NU-...-LE	...-ZU-...-LE
Type of mounting		Screw-clamped, inserted in the slot from above		
Mounting position		Any		
Max. tightening torque	[Nm]	0.6		
Information on materials				
Housing		Epoxy resin, high-alloy stainless steel, PA reinforced, black		
Union nut		Nickel-plated brass	–	–
Cable sheath		PVC, irradiated grey		
Insulating sheath		PVC		
Plug housing		TPE-U(PU)	–	–
Wire ends		–	Wire end sleeve	Wire end sleeve
Pin contacts		Nickel-plated and gold-plated brass	–	–

Display/operation	
Switching status indication	Yellow LED
Function reserve indication	Orange LED

Immission/emission		
Ambient temperature with flexible cable installation	[°C]	–5 ... +80
Degree of protection		IP65
		IP68
Immunity to interference from magnetic fields		Design insensitive to permanent magnetic fields < Bon
	[ZU]	Insensitive to alternating magnetic fields (50 ... 60 Hz) < 160 mT
	[PU/NU]	Insensitive to MFDC magnetic fields (1000 Hz) < 200 mT
		Insensitive to alternating magnetic fields (50 ... 60 Hz) < 200 mT

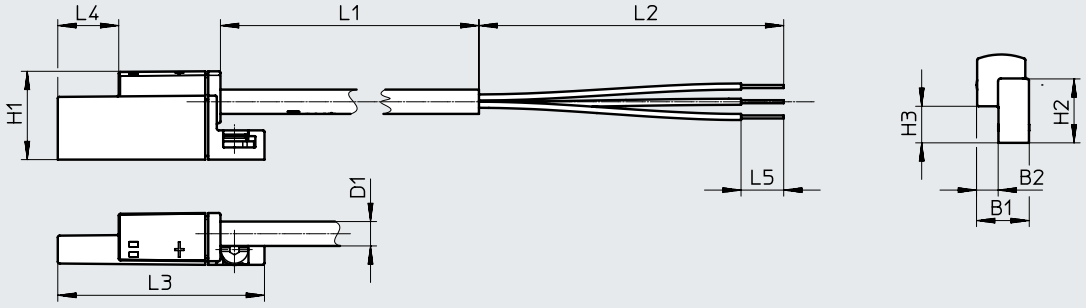
Pin allocation to EN 60947-5-2
M12x1, 3-pin
N/O contact

Pin	Wire colour	Allocation
1	Brown	+
3	Blue	–
4	Black	Output

Data sheet – Magneto-resistive

Dimensions, open end Download CAD data ➔ www.festo.com

SDBT-BSW-1L-...-W-5-N-LE

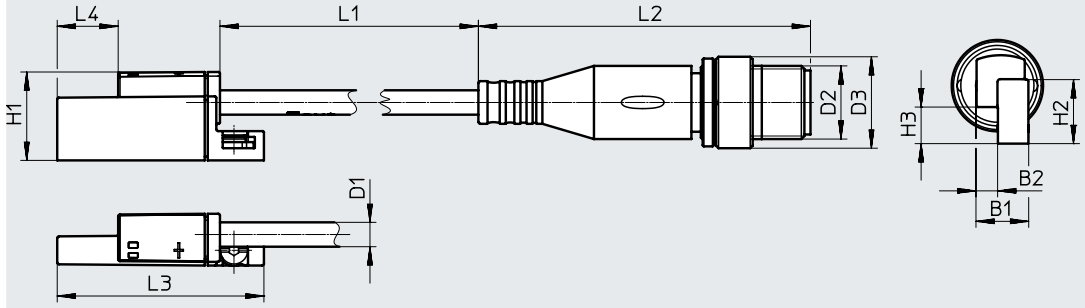


SDBT-BSW-1L-ZU-W-5-N-LE

Type	B1	B2	D1 ø	H1	H2	H3	L1	L2	L3	L4	L5
SDBT-BSW-1L-PU-W-5-N-LE	8.5	3.5	4	14.5	10.5	6	5000	50	34	10	7
SDBT-BSW-1L-ZU-W-5-N-LE											
SDBT-BSW-1L-NU-W-5-N-LE											

Dimensions with plug Download CAD data ➔ www.festo.com

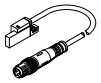
SDBT-BSW-1L-...-W-0.3-N-M12



Type	B1	B2	D1 ø	D2	D3 ø	H1	H2	H3	L1	L2	L3	L4
SDBT-BSW-1L-PU-W-0,3-N-M12	8.5	3.5	4	M12	15	14.5	10.5	6	300	54.5	34	10
SDBT-BSW-1L-NU-W-0,3-N-M12												

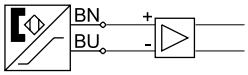
Data sheet – Magneto-resistive

Ordering data

	Switching output	Cable length [m]	Weight [g]	Part no.	Type
N/O contact					
	3-wire, NPN	0.3	23.3	**2427615**	**SDBT-BSW-1L-NU-W-0.3-N-M12**
	3-wire, PNP	5	119.4	**2427616**	**SDBT-BSW-1L-PU-W-5-N-LE**
	3-wire, NPN	5	119.4	**2427618**	**SDBT-BSW-1L-NU-W-5-N-LE**
	3-wire, PNP	0.3	23.3	**2476855**	**SDBT-BSW-1L-PU-W-0.3-N-M12**
	2-wire, contactless	5	116.9	**2427617**	**SDBT-BSW-1L-ZU-W-5-N-LE**

Data sheet – Magneto-resistive

Function



- ATEX 1GD

General technical data		
Design		For T-slot
Based on standard		EN 60947-5-6
Certification		RCM compliance mark
Special characteristics		Oil-resistant
Max. input voltage Ui	[V]	28
Max. input current Ii	[A]	0.25
Max. input power Pi	[mW]	T4: 350 mW
		T6: 72 mW
Effective internal inductance Li	[ìH]	30
Effective internal capacitance Ci	[ìF]	79
Certificate issuing authority		PTZ 16 ATEX 0010 X
		IECEx PTZ 18.0008X
		DNV 17.0027 X
CE marking		To EU EMC Directive
(see declaration of conformity)		To EU Explosion Protection Directive (ATEX)
KC mark		KC EMC

Input signal/measuring element		
Measured variable		Position
Measuring principle		Magneto-resistive
Ambient temperature	[°C]	–40 ... +85
Ambient temperature with flexible cable installation	[°C]	–20 ... +85

ATEX	
ATEX category for gas	II 1G
Type of ignition protection for gas	Ex ia IIC T4 ... T6 Ga
ATEX category for dust	II 1D
Type of ignition protection for dust	Ex ia IIIC T135°C Da
Explosion-proof ambient temperature	T4, with fixed cable installation: –40°C <= Ta <= +85°C
	T4: –20°C <= Ta <= +85°C
	T6, with fixed cable installation: –40°C <= Ta <= +45°C
	T6: –20°C <= Ta <= +45°C
Explosion protection certification outside the EU	EPL Da (IEC-Ex)
	EPL Da (BR)
Explosion protection certification outside the EU	EPL Ga (IEC-Ex)
	EPL Ga (BR)

Data sheet – Magneto-resistive

Materials	
Housing	High-alloy stainless steel
	PA reinforced, black
Cable sheath	TPE-U(PUR), blue
Insulating sheath	PP
Note on materials	Free of copper and PTFE
	RoHS-compliant
	Halogen-free

Switching output		NAMUR
Switching element function		NAMUR
Repetition accuracy	[mm]	0.2
Switch-on time	[ms]	< 1
Switch-off time	[ms]	< 1
Max. switching frequency	[Hz]	330
Off-state current	[mA]	0.4 ... 1

Electronics		
Rated operating voltage	[V DC]	8.2
Operating voltage range	[V DC]	7.5 ... 18
Residual ripple	[%]	10
Reverse polarity protection		For all electrical connections

Electromechanics	
Electrical connection	Cable, 2-wire, open end
Outlet direction of connection	In-line
Cable characteristic	Suitable for robot applications and energy chains
Cable test conditions	Test conditions on request
	Bending strength according to Festo standard

Mechanics		
Type of mounting		Screw-clamped
Mounting position		Any, inserted in slot from above
Max. tightening torque	[Nm]	0.6
Wire ends		Wire end sleeve

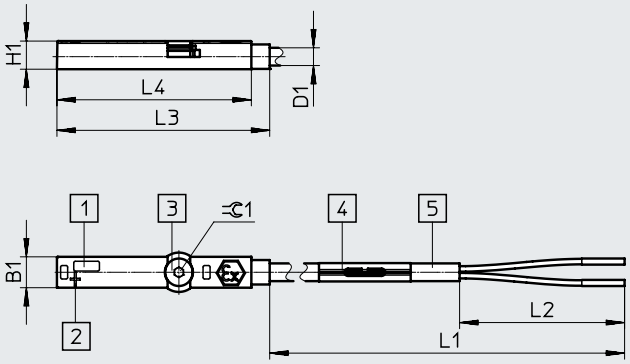
Display/operation	
Switching status indication	Yellow LED

Immission/emission	
Degree of protection	IP65
	IP68

Data sheet – Magneto-resistive

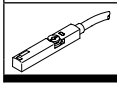
Dimensions, open end Download CAD data ➔ www.festo.com

SDBT-MS-20NL-ZN-E-...-LE-EX6



Type	B1	D1 ø	H1	L1	L2 ±5	L3	L4	⌯1
SDBT-MS-20NL-ZN-E-5-LE-EX6	5.1	2.9	4.6	5000	50	34.8	31.8	1.5
SDBT-MS-20NL-ZN-E-10-LE-EX6				10000				

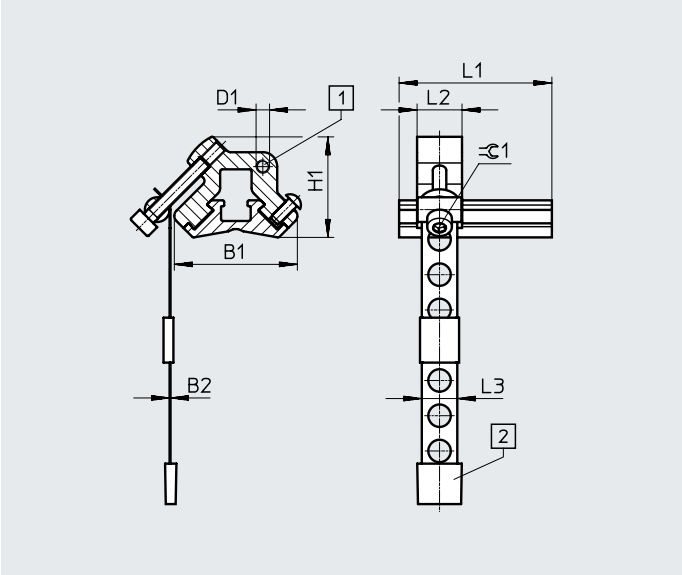
Ordering data

	Switching output	Cable length [m]	Weight [g]	Part no.	Type
N/O contact					
	2-wire, NAMUR	5	53	**579071**	**SDBT-MS-20NL-ZN-E-5-LE-EX6**
		10	104	**579072**	**SDBT-MS-20NL-ZN-E-10-LE-EX6**

Accessories

Mounting kit
SMBR-8-8/100-S6

Material:
Rail: Anodised wrought aluminium alloy
Clamping strap, screws: High-alloy stainless steel
Free of copper and PTFE
RoHS-compliant



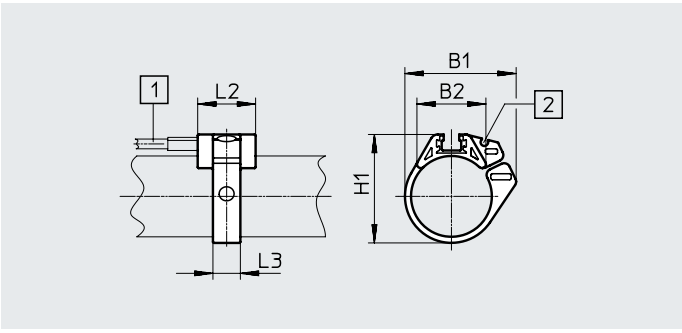
Dimensions and ordering data

For piston ø	B1	B2	D1	H1	L1	L2	L3	⊂1	CRC[1)]	Part no.	Type
8 ... 100	27.4	0.2	M3	22.4	34	10	7.9	2.5	4	★ 538937	SMBR-8-8/100-S6

1) Corrosion resistance class CRC 4 to Festo standard FN 940070
Particularly high corrosion stress. Outdoor exposure under extreme corrosive conditions. Parts exposed to aggressive media, e.g. in the chemical or food industries. Such applications may need to be safeguarded by means of special testing (→ also FN 940082), using appropriate media.

Mounting kit SMBR

Material:
Polyacetal
RoHS-compliant



Dimensions and ordering data

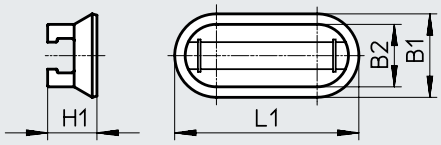
For piston ø	B1	B2	H1	L2	L3	Part no.	Type
8	18.9	12.3	17.5	19	7	175091	SMBR-8-8
10	20.4	13.7	19.9	19	7	175092	SMBR-8-10
12	22.7	14.3	21.9	19	7	★ 175093	SMBR-8-12
16	28.2	16.9	25.7	19	8	★ 175094	SMBR-8-16
20	34.5	20.8	30.4	19	9	★ 175095	SMBR-8-20
25	36.7	22.7	35.6	19	9	★ 175096	SMBR-8-25
32	41.7	24.6	42.7	19	9	175097	SMBR-8-32
40	47.1	26.5	50.7	19	9	175098	SMBR-8-40
50	56.4	28.6	61.5	19	9	175099	SMBR-8-50
63	69.4	32	74.5	19	9	175100	SMBR-8-63

Festo core product range
★ Generally ready for shipping ex works in 24 hours
☆ Generally ready for shipping ex works in 5 days

Accessories

Mounting kit CRSMB
Design: for round cylinders
Type of mounting: bonded using enclosed adhesive tape

Degree of protection: IP65, IP68, IP69K
Ambient temperature: –40 ... +90°C
Material:
Housing: Polyurethane
Rail: Hard anodised aluminium
Free of copper and PTFE



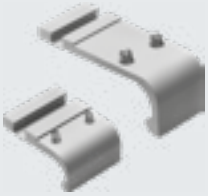
Ordering data

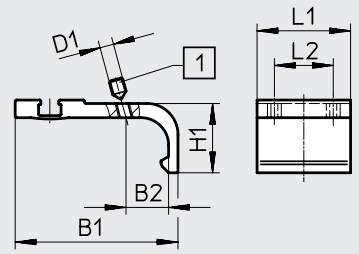
For piston ø	B1	B2	H1	L1	CRC[1)]	Part no.	Type
32 ... 100	15.8	11.8	9.3	35	4	**525565**	**CRSMB-8-32/100**

1) Corrosion resistance class CRC 4 to Festo standard FN 940070
Particularly high corrosion stress. Outdoor exposure under extreme corrosive conditions. Parts exposed to aggressive media, e.g. in the chemical or food industries. Such applications may need to be safeguarded by means of special testing (→ also FN 940082), using appropriate media.

Mounting kit SMB-8-FENG

Material:
Wrought aluminium alloy
Free of copper and PTFE





[1] Threaded pin

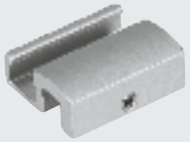
Dimensions and ordering data

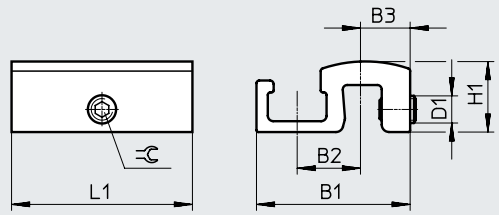
For piston ø	B1	B2	D1	H1	L1	L2	Tightening torque [Nm]	Part no.	Type
32/40	35.1	8.7	M3	15.5	27	17	0.2	**175705**	**SMB-8-FENG-32/40**
50/63	47	12.3	M4	20	27	17	0.5	**175706**	**SMB-8-FENG-50/63**
80/100	64.3	15.7	M5	24.3	27	17	0.7	**175707**	**SMB-8-FENG-80/100**

Accessories

Mounting kit SMB-8-C

Temperature: –40 ... 120°C
Material:
Retaining bracket: Anodised wrought aluminium alloy
Screws: High-alloy stainless steel
Free of copper and PTFE,
RoHS-compliant





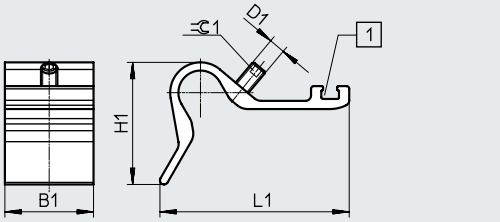
Dimensions and ordering data

Type	B1	B2	B3	D1	H1	L1	⊂ 1	Tightening torque [Nm]	CRC[1]	Weight [g]	Part no.	Type
SMB-8-C	17	7	5.5	M3	7.8	20	1.5	0.2 ... 0.6	3	3.5	**1806790**	**SMB-8-C**

1) Corrosion resistance class CRC 3 to Festo standard FN 940070
High corrosion stress. Outdoor exposure under moderate corrosive conditions. Externally visible parts with primarily functional surface requirements which are in direct contact with a normal industrial environment.

Sensor bracket DASP-M4-...-A

Material:
Anodised wrought aluminium alloy
Screws: High-alloy stainless steel
RoHS-compliant



[1] Slot for proximity switch

Dimensions and ordering data

Type	B1	D1	H1	L1	⊂ 1	Tightening torque [Nm]	CRC[1]	Weight [g]	Part no.	Type
DASP-M4-125-A	32.5	M5	28	45.4	2.5	1	3	26.5	**1451483**	**DASP-M4-125-A**
DASP-M4-160-A	32.5	M6	44.7	69.4	3	1	3	41.5	**1553813**	**DASP-M4-160-A**
DASP-M4-250-A	32.5	M6	56.3	88	3	1	3	60	**1456781**	**DASP-M4-250-A**
DASP-M4-320-A	32.5	M6	56.3	88	3	1	3	60	**3015256**	**DASP-M4-320-A**

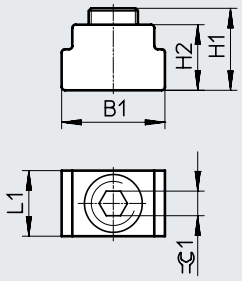
1) Corrosion resistance class CRC 3 to Festo standard FN 940070
High corrosion stress. Outdoor exposure under moderate corrosive conditions. Externally visible parts with primarily functional surface requirements which are in direct contact with a normal industrial environment.

Accessories

Positioning element SMM
Insertable in the slot lengthwise

Ambient temperature: –40 ... +120°C

Materials:
Housing: Anodised wrought aluminium alloy
Screws: High-alloy stainless steel
Note on materials: RoHS-compliant



Dimensions and ordering data

B1	H1	H2	L1	⊂1	CRC[1]	Part no.	Type	PU[2]
6.3	5.0	4.0	4.0	1.5	3	**547941**	**SMM-8**	**10**

1) Corrosion resistance class CRC 3 to Festo standard FN 940070
High corrosion stress. Outdoor exposure under moderate corrosive conditions. Externally visible parts with primarily functional surface requirements which are in direct contact with a normal industrial environment.

2) Packaging unit

Accessories

Ordering data – Connecting cables

Data sheets → Internet: nebu/sim

		Number of wires	Cable length [m]	Part no.	Type
Socket M8x1, 3-pin					
	For SMT/SME-8... and SMTO/SMTSO/SMEO-8E	3	2.5	★ **541333**	**NEBU-M8G3-K-2.5-LE3**
			5	★ **541334**	**NEBU-M8G3-K-5-LE3**
	For SMT/SME-8... and SMTO/SMTSO/SMEO-8E	3	2.5	★ **541338**	**NEBU-M8W3-K-2.5-LE3**
			5	★ **541341**	**NEBU-M8W3-K-5-LE3**
Socket M12x1, 5-pin					
	For SMT/SME-8M and SMTO/SMTSO/SMEO-8E	3	2.5	★ **541363**	**NEBU-M12G5-K-2.5-LE3**
			5	★ **541364**	**NEBU-M12G5-K-5-LE3**
	For SMT/SME-8M and SMTO/SMTSO/SMEO-8E	3	2.5	**541367**	**NEBU-M12W5-K-2.5-LE3**
			5	**541370**	**NEBU-M12W5-K-5-LE3**
Socket M12x1, resistant to welding spatter					
	For SDBT and SMTSO	3	3	**30450**	**SIM-M12-RS-3GD-3**
	For SDBT and SMTSO	3	3	**30451**	**SIM-M12-RS-3WD-3**

Ordering data – Safety clip for ATEX zone

	Size	Description	Part no.	Type	PU[1]
	M8	• Protects "equipment that is not intrinsically safe" in zones 2 and 22 against simple disconnection • ATEX category: gas: II 3G / dust: II 3D	**548067**	**NEAU-M8-GD**	**1**
	M12		**548068**	**NEAU-M12-GD**	**1**

1) Packaging unit

Ordering data – Mounting components

	Description	Part no.	Type
	For fixing connecting cables in place	**534254**	**SMBK-8**

Ordering data – Sensor tester

	Description	Part no.	Type
	• Testing the functionality of proximity switches using the integrated voltage supply • Adjusting proximity switches on the cylinder	**158481**	**SM-TEST-1**

Ordering data – Inscription labels

	Size	Part no.	Type	PU[1]
	23x4 mm	**541598**	**ASLR-L-423**	**34**

1) Packaging unit

Festo core product range	★	Generally ready for shipping ex works in 24 hours
	☆	Generally ready for shipping ex works in 5 days