

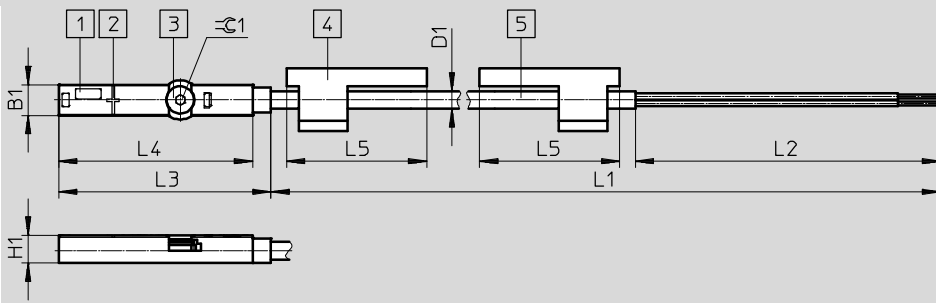
Proximity sensors SME-8M, for T-slot

Technical data – Magnetic reed

Download CAD data → www.festo.com

Dimensions

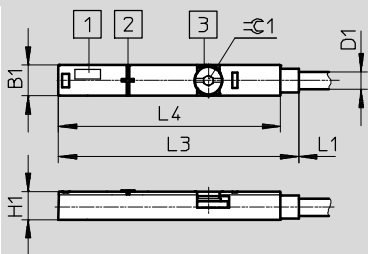
SME-8M-...-OE – Cable



- 1 Yellow LED
- 2 Centre of the sensor element
- 3 Clamping component, tightening torque 0.6 Nm
- 4 Inscription label holder
- 5 Connecting cable

L1 Cable length

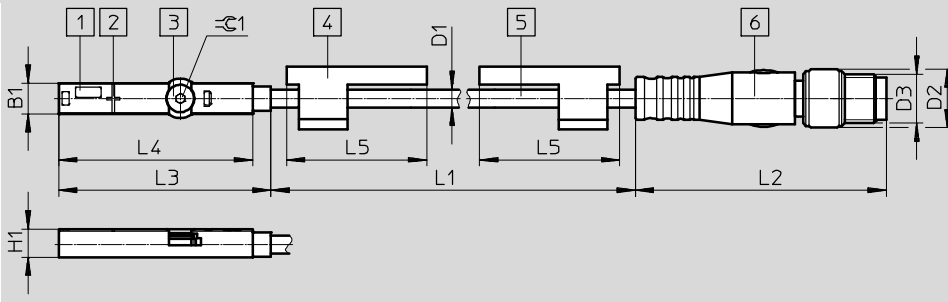
SME-8M-DO-...-OE – Cable



- 1 Light-emitting diode (LED)
- 2 Centre of the sensor element
- 3 Clamping component, tightening torque 0.6 Nm

L1 Cable length

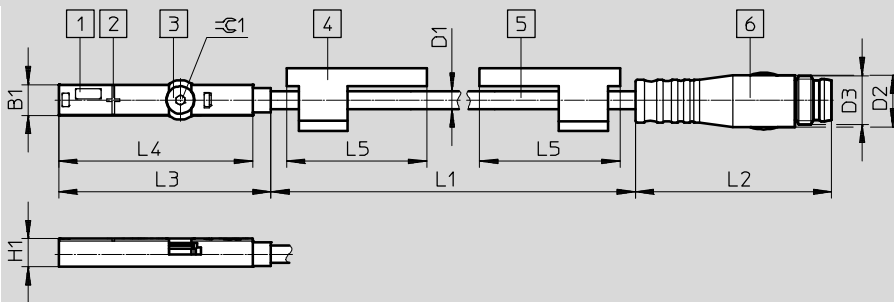
SME-8M-...-M8D – Cable with plug M8x1, rotatable thread



- 1 Yellow LED
- 2 Centre of the sensor element
- 3 Clamping component, tightening torque 0.6 Nm
- 4 Inscription label holder
- 5 Connecting cable
- 6 Plug to fit connecting cable NEBU-M8

L1 Cable length

SME-8M-...-M8 – Cable with plug M8x1, snap-on flange



- 1 Yellow LED
- 2 Centre of the sensor element
- 3 Clamping component, tightening torque 0.6 Nm
- 4 Inscription label holder
- 5 Connecting cable
- 6 Plug to fit connecting cable NEBU-M8

L1 Cable length

Type	B1 ±0.05	D1 ∅	D2 ∅	D3	H1 ±0.05	L2	L3	L4 ±0.1	L5	±0.1
SME-8M-...-OE	5	2.9	-	-	4.6	50	34.8	31.8	23	1.5
SME-8M-DO-...-OE			-	-		-	39.5	36.5	-	
SME-8M-...-M8D			9.6	M8x1		41	34.8	31.8	23	
SME-8M-...-M8			8.5	M8x1		33	34.8	31.8	23	

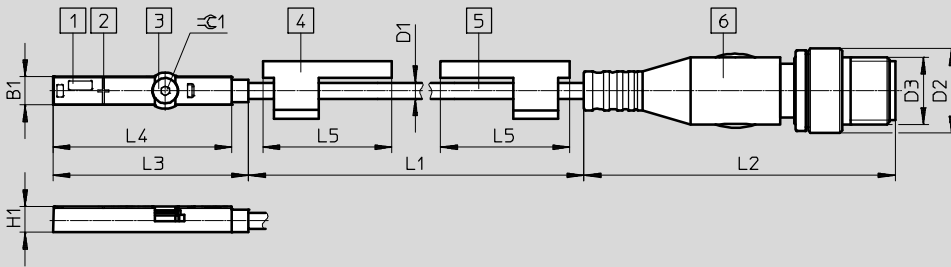
Proximity sensors SME-8M, for T-slot

Technical data – Magnetic reed

Dimensions

Download CAD data → www.festo.com

SME-8M-...-M12 – Cable with plug M12x1, rotatable thread



- 1 Yellow LED
- 2 Centre of the sensor element
- 3 Clamping component, tightening torque 0.6 Nm
- 4 Inscription label holder
- 5 Connecting cable
- 6 Plug to fit connecting cable NEBU-M12

L1 Cable length

Type	B1	D1 Ø	D2	D3	H1	L2	L3	L4	L5	⌀ 1
SME-8M-...-M12	5	2.9	15	M12x1	4.6	54.5	34.8	31.8	23	1.5

★ Core product range

Ordering data

	Switching output	Electrical connection		Cable length [m]	Part No.	Type
		Cable	Cable with plug, rotatable thread, M8x1			
	N/O contact					
	Contacting, bipolar	3-wire	-	2.5	★ 543862	SME-8M-DS-24V-K-2,5-OE
			-	5.0	★ 543863	SME-8M-DS-24V-K-5,0-OE
		2-wire	3-pin	0.3	★ 543861	SME-8M-DS-24V-K-0,3-M8D
			-	2.5	★ 543872	SME-8M-ZS-24V-K-2,5-OE
N/C contact						
Contacting, bipolar	3-wire	-	7.5	★ 546799	SME-8M-DO-24V-K-7,5-OE	

Ordering data

	Switching output	Electrical connection		Cable length [m]	Part No.	Type
		Cable	Cable with plug, rotatable thread, M8x1			
	N/O contact					
	Contacting, bipolar	3-wire	-	7.5	543876	SME-8M-DS-24V-K-7,5-OE

Festo core product range

- ★ Generally ready for shipping ex works in 24 hours
- ☆ Generally ready for shipping ex works in 5 days

Proximity sensors SME-8M, for T-slot

Modular products – Magnetic reed



M Mandatory data

Module No.	Function	Switching output	Rated operating voltage	Cable characteristics	Cable length	Connection technology
543892	SME-8M	DS ZS DO	24V	K E	0.2 ... 10	OE M8D M8 M12
Ordering example						
543892	SME-8M	- ZS	- 24V	- K	- 0.8	- OE

Ordering table

Size	8	Condi- tions	Code	Entry code
M Module No.	543892			
Function	Proximity sensor for T-slot, contacting		SME-8M	SME-8M
Switching output	3-wire N/O contact		DS	
	2-wire N/O contact		ZS	
	3-wire N/C contact		DO	
Rated operating voltage [V DC]	24		24V	24V
Cable characteristics	Standard + energy chain		K	
	Energy chain + robot		E	
Cable length [m]	0.2 ... 10 (0.2 ... 5.0 m in 0.1 m increments, 5.0 ... 10 m in 0.5 m increments)			
Connection technology	Open end		OE	
	M8, rotatable thread		M8D	
	M8, snap-on flange		M8	
	M12, rotatable thread		M12	

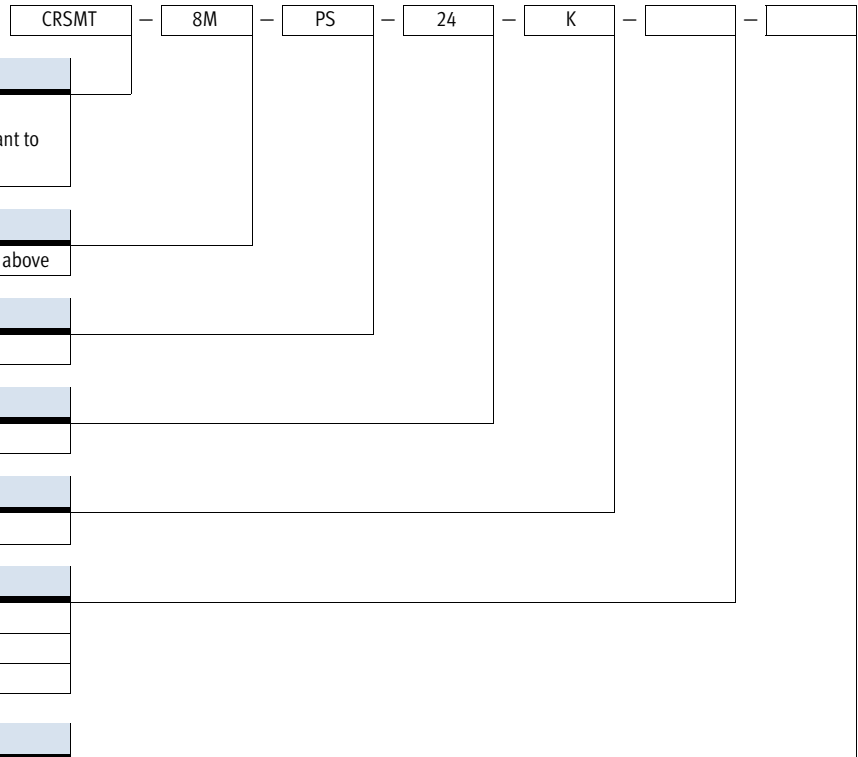
Transfer order code

543892	SME-8M	-		-	24 V	-		-		-	
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Proximity sensors CRSMT-8M, SMT-8-SL/SME-8, for T-slot

Type codes

CRSMT-8M



Function	
CRSMT	Proximity sensor, magneto-resistive, suitable for the food industry, resistant to acids and cooling lubricants

Design	
8M	For T-slot, insertable in the slot from above

Switching output, switching element function	
PS	PNP, N/O contact, 3-wire

Rated operating voltage	
24	24 V DC

Cable attribute	
K	Standard and chain link trunking

Cable length	
0,3	Cable, 0.3m ¹⁾
K5	Cable, 5 m, open end ²⁾
K10	Cable, 10 m, open end ²⁾

Connection	
OE	Open end
M8D	M8, rotatable thread
M12	M12

1) Only with M8D or M12 connection
 2) Only with OE connection

Proximity sensors CRSMT-8M, SMT-8-SL/SME-8, for T-slot

Type codes

SMT/SME-8

SMT – 8 – PS – K – LED – 24 – B

Function

SMT	Proximity sensor, magneto-resistive
SME	Proximity sensor, magnetic reed

Design

8	For T-slot, insertable in the slot lengthwise
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Switching output, switching element function

PS	PNP, N/O contact, 3-wire
NS	NPN, N/O contact, 3-wire
ZS	N/O contact, 2-wire
O	N/C contact, 3-wire

Electrical connection, cable length

K	Cable, 2.5 m or 7.5 m
K2,5	Cable, 2.5 m
K5	Cable, 5.0 m
K-7,5	Cable, 7.5 m
KL	Cable, 2.5 m
S	Plug M8x1 with cable, 0.3 m

Switching status indication

LED	Yellow LED
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Rated operating voltage

24	24 V DC
230	230 V AC

Variant

K6	Heat resistant
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Generation

B	B series
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SMT/SME-8-SL

SMT – 8 – SL – PS – LED – 24

Function

SMT	Proximity sensor, magneto-resistive
SME	Proximity sensor, magnetic reed

Design

8	For T-slot, insertable in the slot lengthwise
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Electrical connection

SL	Plug
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Switching output, switching element function

PS	PNP, N/O contact, 3-wire
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Switching status indication

LED	Yellow LED
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Rated operating voltage

24	24 V DC
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