

- The pneumatic accessories for Standard-Powerclamps and Swing clamps you can find from page 25.11 on

Model SME-8F-DE

NEW

Proximity sensor for T-slot



Technical datas:

Short circuit strenght	No
Measuring principle	Reed magnetic
Polarity protected	No
Switch-off time	0.03 ms
Switch-on time	< = 0.5 ms
Operating voltage AC / DC	10 – 30 V
Max. output current	500 mA
Max. switching output voltage AC / DC	30 V
Max. contact rating DC	10 W
Switch output	with contact, bipolar
Protection class	IP65 / IP67
Ambient temperature	-5 – 60 °C / -20 – 60 °C
Reproducibility of swithing value	+/- 0.1 mm
Electrical connection	Cable / 3-core
Cable length	2.50m
Materials information, housing	PA
Materials information, cable sheaths	PUR

Model SME-8F-DE-S

NEW

Proximity sensor for T-slot



Technical datas:

Short circuit strenght	No
Measuring principle	Reed magnetic
Polarity protected	No
Switch-off time	0.03 ms
Switch-on time	< = 0.5 ms
Operating voltage AC / DC	10 – 30 V
Max. output current	500 mA
Max. switching output voltage AC / DC	30 V
Max. contact rating DC	10 W
Switch output	with contact, bipolar
Protection class	IP65 / IP67
Ambient temperature	-5 – 60 °C / -20 – 60 °C
Reproducibility of switching value	+/- 0.1 mm
Electrical connection	M8x1, Cable with plug, 3-pin
Cable length	0.3 m
Materials information, housing	PA
Materials information, cable sheaths	PUR



Sensors	
Model no.	BIM-IKT-AP/ BIM-IKE-AP (1 piece) with fastening set
connection diagram	
operating voltage permissible residual ripple V_{pp} , no load current	10...30 V VDC $\leq 10\%$ $\leq 2,0$ mA
output	Normally open contact
connection	3 core cable 2 m
continuous load current	≤ 200 mA
voltage drop [at I_{cont}]	$\leq 2,3$ V
overload trip point	≤ 220 mA
time delay before availability	≤ 5 ms
transient protection	2 kV, 1 ms, 1k Ω
switching frequency	1000 Hz
switching hysteresis	≤ 1 mm
travel speed for sensing	≤ 10 m/s
temperature drift	$\leq 0,1$ mm
repeat accuracy	$\leq 0,1$ mm
material	housing: GD-Zn active surface: PA12-GF30
degree of protection (DIN 40050)	IP 67
permissible ambient temperature	-25...+70°C
cable/clamping capability	LiYY, 3 x 0,25 mm ²
switching status display	LED, rot
weight	0,13 kg