

Magnetic ATEX sensors



Product features

- Type: C-slot/Ø 12 mm
- Switching function: NO contact, Changeover contact
- Enclosure material: plastic

Good to know ...

Further information on BERNSTEIN's ATEX portfolio can be found in the ATEX flyer on our website.



ELECTRONIC CYLINDER SENSORS ATEX Type C-slot



Type	C-slot	C-slot	C-slot	C-slot	
Enclosure material	PA, smoking topaz	PA, black	PA, smoking topaz	PA, black	
Operating mode	Hall	Hall	Hall	Hall	
Magnetic sensitivity (mT)	1.5 – 13.5 mT	1.5 – 13.5 mT	1.5 – 13.5 mT	1.5 – 13.5 mT	
Output	Double-channel	Double-channel	Double-channel	Double-channel	
Type of connection	Cable 2 m	Cable 2 m	Connection cable with plug M8	Connection cable with plug M8	
Special feature	ATEX 2G/2D	ATEX 2G/2D	ATEX 2G/2D	ATEX 2G/2D	
PNP NO contact	C-slot SMC	6370281197 MEK-E22PS/HP2-KL2-EX	6370281189 MEK-E22PS/HP2-KL2-EX	6370281198 MEK-E22PS/HP2-KL0,3S-EX	6370281190 MEK-E22PS/HP2-KL0,3S-EX
PNP NO contact	C-slot Festo				
PNP NO contact	T-slot				
Technical data					
Rated operating voltage range	U_b	10–30 VDC	10–30 VDC	10–30 VDC	10–30 VDC
Rated operating current	I_e	≤ 50 mA	≤ 50 mA	≤ 50 mA	≤ 50 mA
Function/operating voltage indicator		LED/-	LED/-	LED/-	LED/-
Sensitivity adjustable		yes	yes	yes	yes
Short circuit-protection		cyclic	cyclic	cyclic	cyclic
Teachable		yes	yes	yes	yes
Mechanical data					
Ambient temperature (min/max)		-20°C/+80°C	-20°C/+80°C	-20°C/+80°C	-20°C/+80°C
Protection class in accordance with IEC 529, EN 60529		IP67	IP67	IP67	IP67
Connection		4 x 0.05 mm ²	4 x 0.05 mm ²	Connection cable with plug M8 x 1	Connection cable with plug M8 x 1

