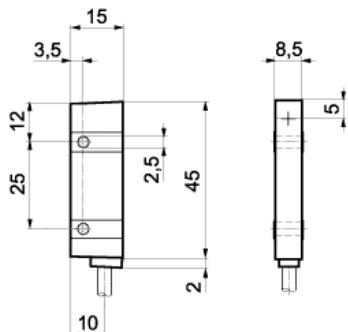


Magnetic sensors**MDFK 08 (2 channels)****sample drawing****electrical data**

short circuit protection yes

mechanical data

type	rectangular
housing material	PC
dimension	15 mm
housing length	45 mm

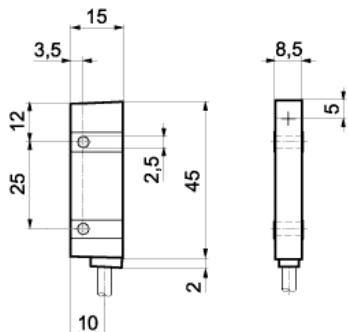
ambient conditions

operating temperature -25 ... +85 °C

protection class IP 67

sample picture

order reference	air gap	pulse/revolution	voltage supply range +Vs	interpolation	switching frequency	output signal	output circuit
MDFK 08G2101	< 0,8 mm	256 pulses ring magnet 16 pole-pairs	8 ... 30 VDC	8 times	< 160 kHz	CH A/B	2 channel push-pull
MDFK 08G2124/N16	< 0,6 mm	512 pulses ring magnet 32 pole-pairs	8 ... 28 VDC	16 times	< 3200 kHz	CH A/B	2 channel push-pull
MDFK 08T7101	< 0,8 mm	256 pulses ring magnet 16 pole-pairs	4,75 ... 5,25 VDC	8 times	< 160 kHz	CH A/B + inverted	2 channel complementary RS 422
MDFK 08T7105/N16	< 0,6 mm	512 pulses ring magnet 32 pole-pairs	4,75 ... 5,25 VDC	16 times	< 3200 kHz	CH A/B + inverted	2 channel complementary RS 422

Magnetic sensors**MDFK 08 (3 channels)****sample drawing****electrical data**

current consumption max.	30 mA
short circuit protection	yes

mechanical data

type	rectangular
housing material	PC
dimension	15 mm
housing length	45 mm

sample picture**ambient conditions**

operating temperature	-25 ... +85 °C
protection class	IP 67

order reference	air gap	pulse/revolution	voltage supply range +Vs	interpolation	switching frequency	output signal	output circuit
MDFK 08G8124	< 0,5 mm	512 pulses ring magnet 32 pole-pairs	8 ... 28 VDC	16 times	< 3200 kHz	CH A/B/N	3 channel push-pull
MDFK 08T8101	< 0,8 mm	320 pulses ring magnet 16 pole-pairs	4,75 ... 5,25 VDC	10 times	< 160 kHz	CH A/B/N + inverted	3 channel complementary RS 422