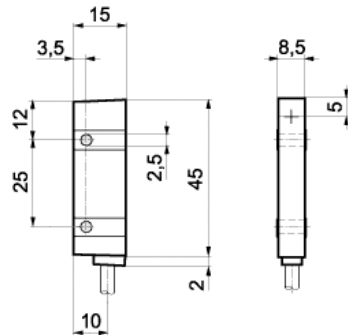


Magnetic sensors

MLFK 08G2101

dimension drawing



general data

air gap	< 1 mm
resolution	< 0,07 mm
interpolation	8 times

electrical data

switching frequency	< 160 kHz
voltage supply range +Vs	8 ... 30 VDC
current consumption max.	35 mA
output circuit	2 channel push-pull
output signal	CH A/B
output current	< 30 mA
voltage drop Vd	< 4 VDC
short circuit protection	yes
reverse polarity protection	yes, Vs to GND

mechanical data

type	rectangular
housing material	PC
dimension	15 mm
housing length	45 mm
connection types	cable PUR 4 x 0,25, 2 m

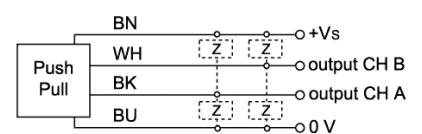
ambient conditions

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

photo



connection diagram



mounting

