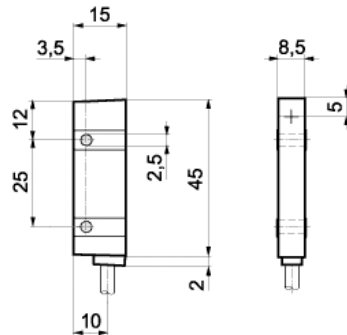


Magnetic sensors

MLFK 08T7105/N25X

dimension drawing



general data

air gap	< 0,3 mm
resolution	< 0,01 mm
interpolation	25 times

electrical data

switching frequency	< 3200 kHz
voltage supply range +Vs	4,75 ... 5,25 VDC
current consumption max.	20 mA
output circuit	2 channel complementary RS 422
output signal	CH A/B + inverted
output current	< 50 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	rectangular
housing material	PC
dimension	15 mm
housing length	45 mm
connection types	cable PUR 6 x 0,14, 2 m

ambient conditions

operating temperature	-10 ... +65 °C
protection class	IP 67

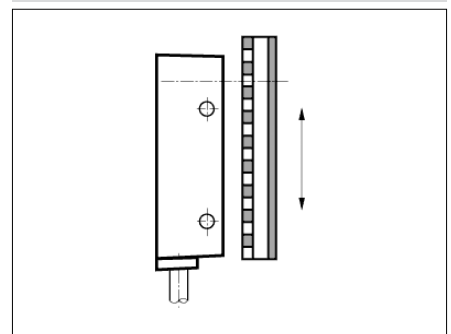
photo



connection diagram



mounting



Magnetic sensors**MLFK 08T7105/N25X**

- resolution 0,04 mm (without quadrature)
- magnetized ribbon Art.-Code 147044
- pole width: 1 mm
- ribbon width: 10 mm
- height 1,4 mm
- lower interpolation factors on request
- 24 VDC version on request
- PRELIMINARY