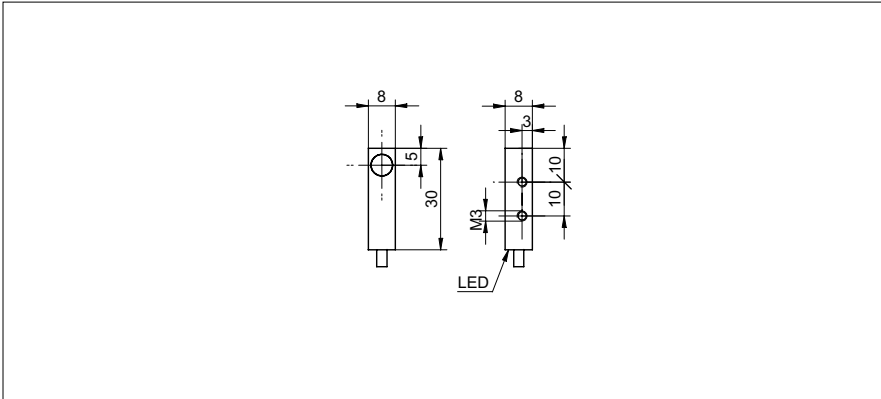


Magnetic proximity switches

MFFM 08

sample drawing



general data

type	magneto-resistive
assured sensing distance Sa	60 mm
output indicator	LED red
mounting type	flush
nominal operation point	2,5 mT
hysteresis	2 ... 20 % of Sr
repeat accuracy	< 1 % of Sr

electrical data

switching frequency	< 5 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	20 mA
voltage drop Vd	< 3 VDC
output current	< 150 mA
short circuit protection	yes
reverse polarity protection	yes, Vs to GND

mechanical data

material (sensing face)	PBT
type	rectangular
dimension	8 mm
housing material	brass nickel plated
housing length	30 mm
connection types	cable PUR, 2 m

ambient conditions

operating temperature	-25 ... +75 °C
protection class	IP 67

order reference

MFFM 08N1424/PL	NPN make function (NO)
MFFM 08N3424/PL	NPN break function (NC)
MFFM 08P1424/PL	PNP make function (NO)
MFFM 08P3424/PL	PNP break function (NC)

output circuit

sample picture

