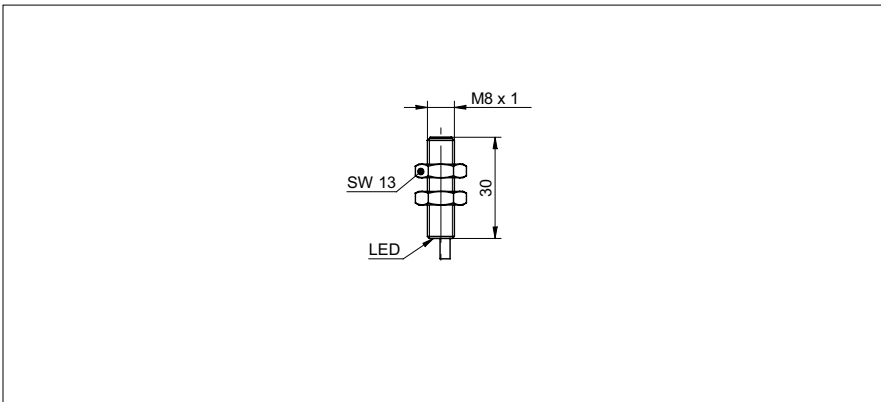


# Magnetic proximity switches

# MFRM 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	cylindrical threaded
dimension	8 mm
housing material	stainless steel
housing length	30 mm
connection types	cable PUR, 2 m

**ambient conditions**

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

**order reference**

<b>MFRM 08N1524/PL</b>	NPN make function (NO)
<b>MFRM 08N3524/PL</b>	NPN break function (NC)
<b>MFRM 08P1524/PL</b>	PNP make function (NO)
<b>MFRM 08P3524/PL</b>	PNP break function (NC)

**output circuit**

**sample picture**

