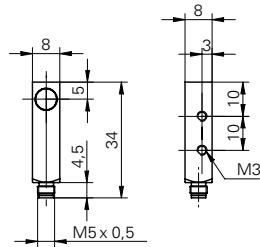


Inductive proximity switch

IFFM 08N37A3/O1S05

dimension drawing



general data

mounting type	shielded
nominal sensing distance S_n	2 mm
hysteresis	3 ... 25 % of S_r

electrical data

switching frequency	< 5 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max.	12 mA
output circuit	NPN break function (NC)
voltage drop V_d	< 3 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	rectangular
material (sensing face)	PBT
housing material	brass nickel plated
dimension	8 mm
housing length	34 mm
connection types	connector M5

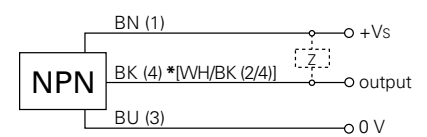
ambient conditions

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

photo



connection diagram



- short compact housing
- miniature connector M5 x 0,5