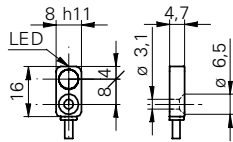


Inductive proximity switch

IFFM 08N37A6/L

dimension drawing



general data

mounting type	shielded
nominal sensing distance S_n	2 mm
hysteresis	2 ... 20 % of S_r
output indicator	LED red

electrical data

switching frequency	< 5 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	12 mA
output circuit	NPN break function (NC)
voltage drop V_d	< 2 VDC
output current	< 100 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	rectangular
material (sensing face)	PBT
housing material	die-cast zinc nickel plated
dimension	8 mm
housing length	16 mm
connection types	cable, 2 m

ambient conditions

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

photo



connection diagram



- extra flat housing
- through bore for M3 screw