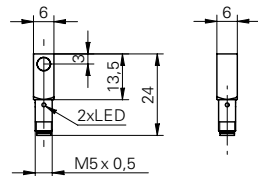


Inductive proximity switch

IFFM 06N15A3/O1S05L

dimension drawing



general data

mounting type	shielded
nominal sensing distance S_n	1 mm
hysteresis	2 ... 20 % of S_r
output indicator	2 port 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 make function (NO)
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)	LCP
housing material	brass nickel plated
dimension	6 mm
housing length	24 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 5