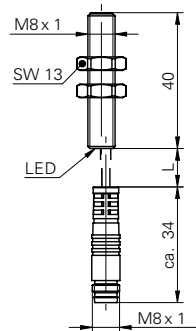


Inductive proximity switch

IFRM 08N17A1/KS35L

dimension drawing



standard cable length 200 mm (L)

general data

mounting type	shielded
nominal sensing distance S_n	2 mm
hysteresis	3 ... 20 % of S_r
output indicator	LED red

electrical data

switching frequency	< 5 kHz
voltage supply range $+V_s$	10 ... 30 VDC
current consumption max.	12 mA
output circuit	NPN make function (NO)
voltage drop V_d	< 2 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

mechanical data

type	cylindrical threaded
material (sensing face)	PBT
housing material	stainless steel
dimension	8 mm
housing length	40 mm
connection types	flylead connector M8

ambient conditions

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

photo



connection diagram

