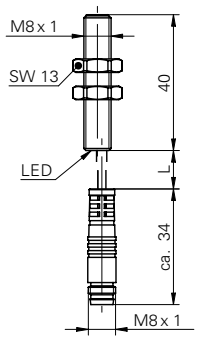
Inductive proximity switch IFRM 08P17A1/KS35L

dimension drawing



standard cable length 200 mm (L)

general data

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

electrical data

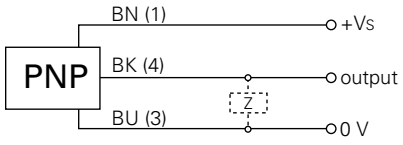
switching frequency	< 5 kHz
voltage supply range +Vs	10 ... 30 VDC
current consumption max. (no load)	12 mA
output circuit	PNP make function (NO)
voltage drop Vd	< 2 VDC
output current	< 200 mA
short circuit protection	yes
reverse polarity protection	yes

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