

Technical data :

Rated operating distance (Sn)	40 mm
Output type	PNP
Function	NO
Operating voltage	10...30V DC
Operating current	200 mA
No-load consumption	< 30 mA
Voltage drop	< 2V
Residual current	< 70 µA
Ambient temperature range	0...60 °C
Switching frequency	100 Hz
Reaction time	< 5 ms

Optical characteristics :

Light type	Infrared (940 nm)
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Protection :

Reverse polarity protection	
Short-circuit protection	
Overload protection	
IEC 61000-4-2 (ESD)	4 kV contact / 8kV air
IEC 61000-4-4 (Burst)	2kV / 5kHz
IEC 61000-4-6 (RF conducted)	3V 150kHz...80MHz
Oil and dust immunized	
Class II insulation	
Protection degree	IP67

Materials :

Housing	Anodized aluminium
Connector	Brass, nickel-plated
Sensing face	PMMA

Status indication :

Power	Green LED
Output	Yellow LED
Alarm signal (Limit of detection)	Red LED

Connection :

Connector	M12
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Remarks :

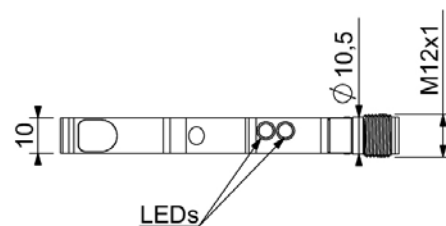
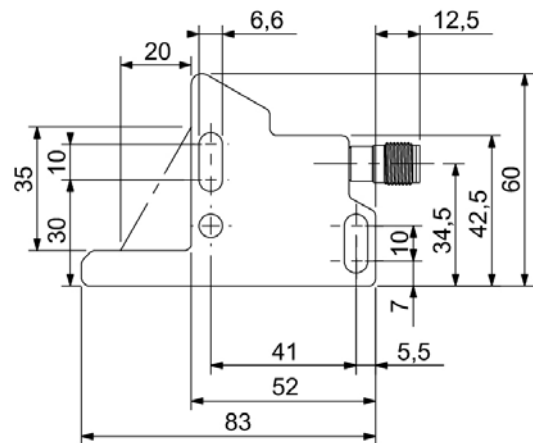
To obtain the detection curve, please contact us

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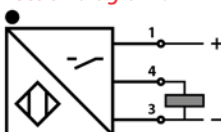
Q83



Dimensions :



Connection diagram :



Pin assignment :

