

High temperature resistant 150 celcius **HITEM-LAU** series



Features

- ◆ Extended sensing distance
- ◆ ASIC design, safe and reliable
- ◆ Perfect choice for metallic target detection



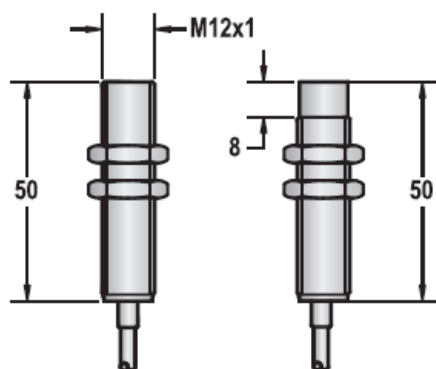
Part number

NPN NO	PNP NO	HITEM-LAU-O3U2
NPN NC	PNP NC	
NPN NO+NC	PNP NO+NC	HITEM-LAU-S4U2

Technical specifications

Mounting		Flush	Current consumption	≤10mA
Rated distance [Sn]		4mm	Circuit protection	Short-circuit, overload and reverse polarity
Assured distance [Sa]		0...3.8mm	Output indicator	Yellow LED
Dimensions		M12*50mm	Ambient temperature	-25°C...150°C
Output	NO/NC (depends on part number)		Ambient humidity	35-95%RH
Supply voltage	10...30 VDC		Switching frequency [F]	500 Hz
Standard target	Fe 24*24*1t	Fe 36*36*1t	Voltage withstand	1000V/AC 50/60Hz 60S
Switch-point drifts [%/Sr]	≤ ± 15%		Insulation resistance	
Hysteresis range [%/Sr]	1...10%		Vibration resistance	10...50Hz (1.5mm)
Repeat accuracy [R]	≤3%		Degree of protection	IP67
Load current	≤ 120mA		Housing material	Nickel-copper alloy
Residual voltage	≤2.5V		Connection type	Cable 2 meter

Dimensions



Wiring diagram

