

# SENSOR SPECIFICATION EN60947-5-2

Max Ambient Temperature -25../..+150°C

## IN4-12HT-150

Sensor Size	M12
Nominal Sensing Distance (SN)	4mm EN-50010
Amplifier <i>Note 1*</i>	Built-In
Installation	N0n-Flush
Supply Voltage Range <i>Tech-note 1*</i>	10../..30 VDC
Rated Supply Voltage	24 VDC
No Load ( <i>I</i> )	≤ 3mA
Output (PNP .or. NPN)	N.O. .or. N.C.
Max ( <i>I</i> ) Output <i>Tech-note 2*</i>	100mA@24VDC
Max Switching Frequency	500Hz@150°C
Voltage Drop ( <i>Output</i> )	≤ 1.8VDC
Repeatability	< 3% of SN
Hysteresis	3....15% of SN
Target LED	N/A
Connecting cable <i>Tech-note 3*</i>	Silicone .or. Teflon
Connector Option	N/A
Environmental Protection	IP66
Fastner Torque Value	10Nm
Housing Material	1.4305 St Stl

..KRIZ M12 HT SENSOR..



### Notes...

*1\**- All kriz sensor products that operate up to and including 180C are manufactured with a built in amplifier and come fully calibrated with no user adjustments required..

### *Tech-note 1\**

This sensor incorporates reverse polarity protection.

### *Tech-note 2\**

The output stage of the sensor is protected against overload and short circuit condition.

### *Tech-note 3\**

All kriz sensor products operate independant of cable length which may be altered to suit the application without any effect on calibration etc.

### ..DIMENSIONAL DATA..

