

## SENSOR SPECIFICATION EN60947-5-2

Max Ambient Temperature	-25./..+150°C
Temp Converter <input type="text" value="00"/> °Fahrenheit <input type="text" value="00"/> °Centigrade	
Sensor Size	M30
Nominal Sensing Distance (SN)	10mm <i>EN-50010</i>
Amplifier <i>Note 1*</i>	Built-In
Installation	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>	150mA@24VDC
Max Switching Frequency	200Hz@150°C
Voltage Drop ( <i>Output</i> )	≤ 1.8VDC
Repeatability	< 3% of SN
Hysteresis	3....15% of SN
Target LED	<i>Tech-note 4*</i>
Connecting cable <i>Tech-note 3*</i>	Silicone .or. PTFE
Connector Option	Yes
Environmental Protection	IP66
Fastner Torque Value	40Nm
Housing Material	1.4305 St Stl

..KRIZ M30 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.

*Tech-note 4\**

If supplied with LED the operational temperature range is reduced to -25./..+130C.

### ..DIMENSIONAL DATA..

