

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	M18
Nominal Sensing Distance (SN)	8mm <i>EN-50010</i>
Amplifier <i>Note 1*</i>	Built-In
Installation	Non-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	800Hz@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	20Nm
Housing Material	1.4305 St Stl

..KRIZ M18 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..

