

General Specifications Operation

Measuring Range

- Recommended Target
 Distance
- Maximum Switching
 Frequency
- Output Circuit
- Output State Indicator
- Output Current
- Voltage Drop
- Short Circuit Protection

Power Requirements

- Voltage
- Consumption
- Load Resistance
- Reverse Polarity Protection

mm [157 <i>mils</i>]	
± 0.5 mm [79 ± 20 mils]	

< 2 kHz (target passage duration: 500 µsec min.) Open Collector Transistor (NPN) Red LED < 200 mA < 2 Vdc

Built-In

4

2

10 to 30 Vdc 10 mA max. 150 Ω min. (pull up) Built-In SYNCHRONIZATION PROBE

1 / Rev Reference

The synchronization probe is an inductive device that provides, thanks to an associated target, a one pulse per revolution reference signal for determining angular position.

The probe faces the generator's shaft with its target mounted on the shaft itself. At each passage of the target, a pulse signal is generated and transmitted to the acquisition units. This pulse is the basis for all measurements obtained by the monitoring system.

Connection

 Connector Type 	3-Pos Removable Terminal
	Block with Screw Type
	Connection
 Extension Cable 	
) Maximum Length	300 m <i>[984 ft]</i>

Environment

 • Temperature Range

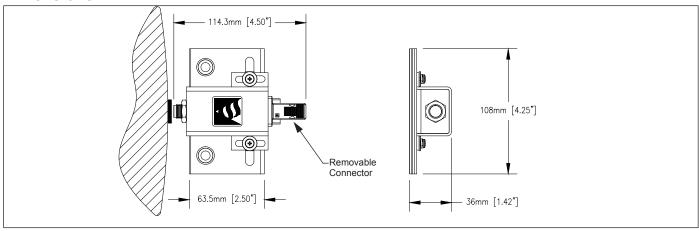
 Operating
 0 to 70 °C [32°F to 158°F]

 Storage
 -25 to 70 °C [-13°F to 158°F]

Physical Characteristics

- Probe Material Head Polybutylene terephthalate
 Casing Aluminium
 Connector Plastic
 Target Material Steel
 Target Dimensions 20 mm x 10 mm x 3mm
 - [0.79 in x 0.39 in x 0.12 in]

Dimensions



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