

IPPS - INFRARED PYROMETER TRANSMITTER

IPPS are infrared temperature transmitters with 4-20mA input. Emissivity setting of 0.2 to 1.0. Rugged and compact stainless steel construction with IP65 protection. 4-20 mA input for the setting and the changing from remote the emissivity value from 0.2 to 1.0. Optics 15: 1. Options:

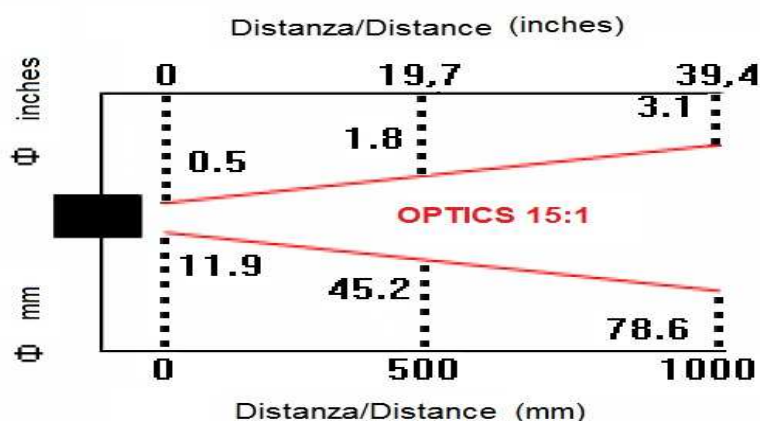
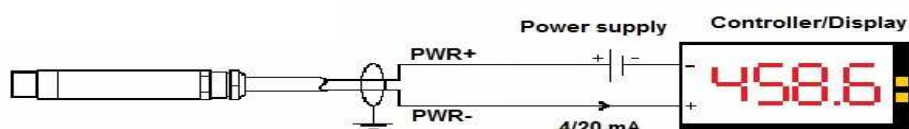
- Air purge version to clean the lens when subject to smoke and steam pollution

- Air/water cooling jacket version for use in harsh environments up to 170 / 250°C plus air purge for cleaning the lens to prevent condensing



TECHNICAL SPECIFICATIONS

Range:	0-250 °C
Output:	2-wires 4-20 mA
Accuracy:	± 1% reading or ± 1°C
Repeatability:	± 0.5% reading or ± 0.5 °C
Emissivity:	adjustable with external signal 4-20mA 0.2 to 1.0
Response time (90 %):	240 ms
Optics (nominal):	15:01
Spectral band:	8-14 µm
Power supply	24 VDC (max. 28) - Max load 900 Ω
Body:	Stainless steel, dimensions 18x103 mm, threaded part M16x1.0
Cable	PVC, length 1 m
Weight:	95 g, with cable
Protection degree:	IP65
Ambient temperature:	0-70 ° C, relative humidity (max) 95% not-condensing



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