

ZIS

- INFRARED TEMPERATURE SENSORS
- IN ABS OR STAINLESS STEEL,
WITH OR WITHOUT AIR PURGE



FEATURES

GENERAL	ZIS 01	ZIS 1X	ZIS 3X
Measurement report	1:1 (60 °C)		3:1 (17 °C)
Minimum measurable diameter	8 mm		6 mm
Measuring range	0... 200 °C	0... 650 °C	
Room temperature	-18... +70 °C	-18... +100°C	
Spectral response	6.5... 14 μ		
Output Impedance	3 kΩ		4... 8 kΩ
Comensazione junction	To be performed on the measuring instrument		
Emissivity	0.9 (for non-metallic surfaces)		
Repeatability	0.01 °C		
Thermal Coefficient	0.04%/ °C		
Response time	100 ms		
Resolution	0.0001 °C		
Power supply	Not needed		
MECHANICAL			
Cable	Twisted, shielded, compensated for K thermocouple (0.9 m)		
Air purge	Not available		Available
Dimensions	Ø 20 x 32.5 mm	Ø 12.7 x 36.5 mm	Ø 12.7 x 44.7 mm
Weight	40 g		
Case	ABS	Stainless steel	
Degree of protection	IP65		

HOW TO ORDER

CODE	DESCRIPTION
ZIS 01 KRo_200	Powered infrared sensor in ABS 1: 1 – Range 0 ... 200 °C
ZIS 1X KSo_650	Auto-powered infrared sensor Stainless steel – 1: 1 – Range 0 ... 650 °C
ZIS 3X KSo_650	Auto-powered infrared sensor Stainless steel with air purge – 3: 1 Range 0 ... 650 °C

DIMENSIONS

