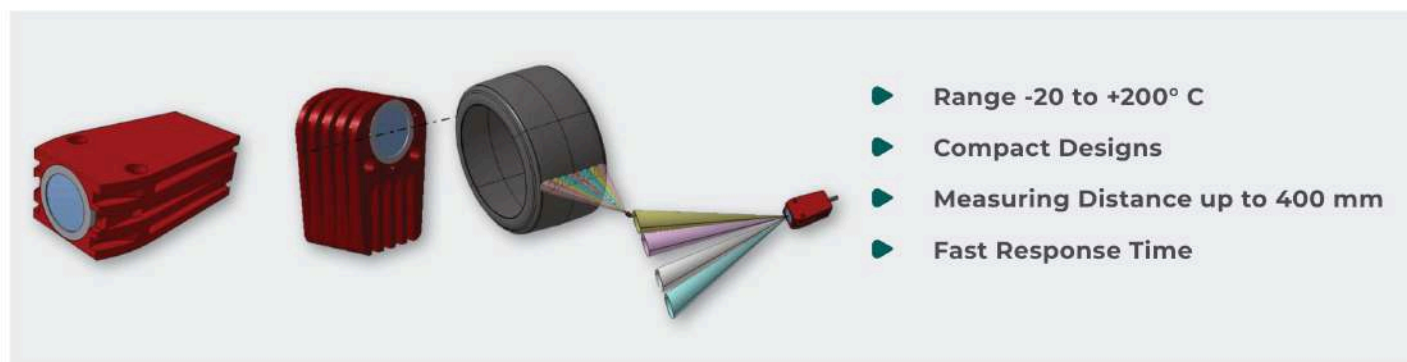




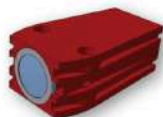
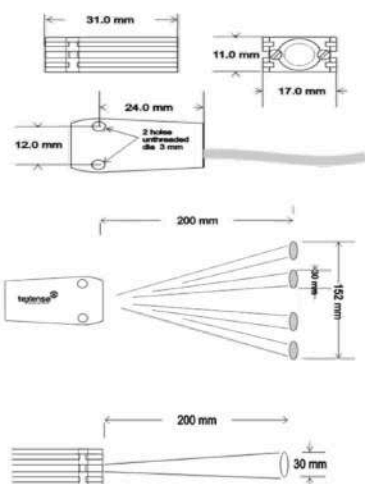
Specifications	
Range	-20° to + 200° C
Measurement	4 channels in line / 8 channels in line
Accuracy	+/-1% FS
Response time	260 ms at FS (=400 ms on raw input)
CANbus 2.0 B	120 Ω not installed (on demand)
Output data	2 bytes per channel (signed int)
Resolution	0.1°/bit
Baud rate	125 k to 1Mbps
Frequency	1Hz,10Hz, on trigger
Supply voltage	6 to 16V
Supply current	17mA
Measurement distance	50 to 400mm
Mean angle between channels	9° channel -1 to 2 & 3 to 4 to 8; 13.5° - channel 2 to 3
Field of view (90% radiation)	6.5 : 1 at 200mm; 3.3:1 at 50 mm
Wavelength	8 to 14 μ m
Emissivity/distance tuning	Gain factor by CAN 0.5 to 2
Operating temp	-20 to + 100°C
Storage temp	-40 to+ 125°C
Housing material	Aluminium
Housing dimensions	
- lens 0°	31 x 11 x 17 mm
- lens 90°	25 x 17 x 13mm
Weight (without cable)	15g



I4-Channel IRN4C - lens 0° or 90°						
Distance	Ø target per channel	Total width	Ordering lens 0°	Ordering lens 90°	Wiring	Cable Type
50 mm	15 mm	40 mm	Example: IRN4C-FI-200 IRN4C-FI- Range 200 (200°C)	Example: IRN4C-90-200 IRN4C-90- Range 200 (200°C)	Red - Supply Black - 0V Green CAN High White - CAN low Braid - n/c	1m cable of 4X26AWG FEP tinned copper braided cable 250V 200°C
100 mm	19 mm	75 mm				
150 mm	24 mm	112 mm				
200 mm	30 mm	152 mm				
300 mm	45 mm	228 mm				
400 mm	60 mm	304 mm				

I8-Channel IRN4C - lens 0° or 90°						
Distance	Ø target per channel	Total width	Ordering lens 0°	Ordering lens 90°	Wiring	Cable Type
200 mm	30 mm	152 mm	Example: IRN8C-FI-200 IRN8C-FI- Range 200 (200°C)	Example: IRN8C-90-200 IRN8C-90- Range 200 (200°C)	Red - Supply Black - 0V Green CAN High White - CAN low Braid - n/c	1m cable of 4X26AWG FEP tinned copper braided cable 250V 200°C
300 mm	45 mm	228 mm				
450 mm	60 mm	304 mm				
500 mm	75 mm	380 mm				
600 mm	90 mm	456 mm				
700 mm	105 mm	532 mm				

Dimensions: lens 0°



Dimensions: lens 90°

