

# Infra-red sensors



Non-contact infra-red sensor with 2:1 divergent optics.



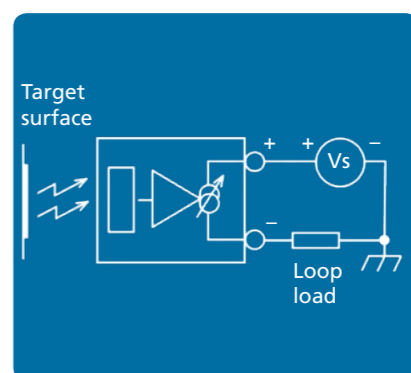
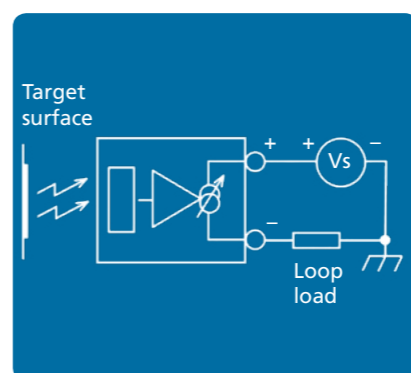
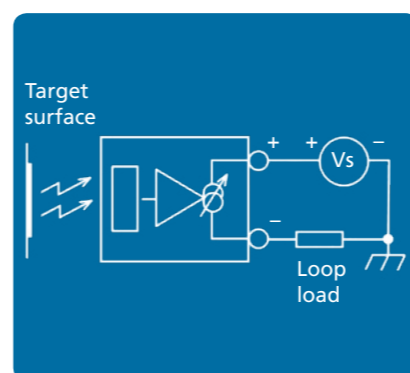
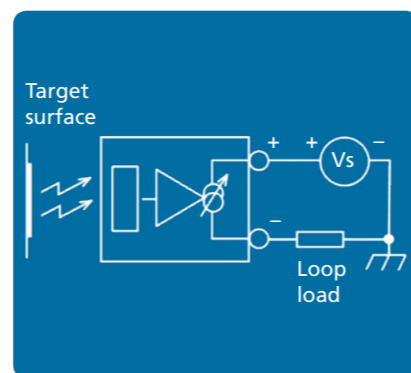
Non-contact infra-red sensor with 15:1 divergent optics.



Non-contact infra-red sensor with 30:1 divergent optics.



Non-contact infra-red sensor with close focus (CF) optics.



## INPUT

Temperature measuring range

(-20 to +250) °C

## BASE ACCURACY

Measurement accuracy

± 1% of reading, or ± 1 °C, whichever is the greater

## OUTPUT

Output, loop-powered

(4 to 20) mA

## GENERAL

Standard cable length

1m

Emissivity

Fixed at 0.95

Power supply

(6 to 28) VDC

Ambient operating (electronics, not sensor)

(0 to +70) °C

IP rating

65

Body material

Stainless steel

Lens material

Glass

Dimensions

18mm dia. x 103mm length

Thread mount

M16 x 1mm

(-20 to +500) °C

± 1% of reading, or ± 1 °C, whichever is the greater

(4 to 20) mA

1m

Fixed at 0.95

(6 to 28) VDC

(0 to +70) °C

65

Stainless steel

Glass

18mm dia. x 103mm length

M16 x 1mm

(-20 to +250) °C

± 1% of reading, or ± 1 °C, whichever is the greater

(4 to 20) mA

1m

Fixed at 0.95

(6 to 28) VDC

(0 to +70) °C

65

Stainless steel

Glass

18mm dia. x 103mm length

M16 x 1mm

(-20 to +250) °C

± 1% of reading, or ± 1 °C, whichever is the greater

(4 to 20) mA

1m

Fixed at 0.95

(6 to 28) VDC

(0 to +70) °C

65

Stainless steel

Glass

18mm dia. x 103mm length

M16 x 1mm