



RHS

IR Ride Height Sensor

Sensing element

Measuring distance

Resolution

Linearity error

Light source

Wave length

Beam type/diameter

Temperature drift

Photoelectric array

50 to 400 mm

0.1 to 1 mm

± 0.6 to ± 3 mm

Pulsed point source LED

660 nm

Point/8mm

$< 0.1\%$ Sde/K

Response time

Supply voltage

Supply current

Output signal

< 3 ms

12 to 16 V

80 mA

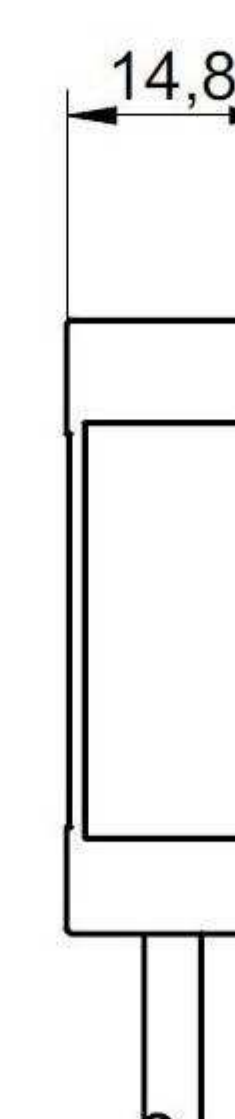
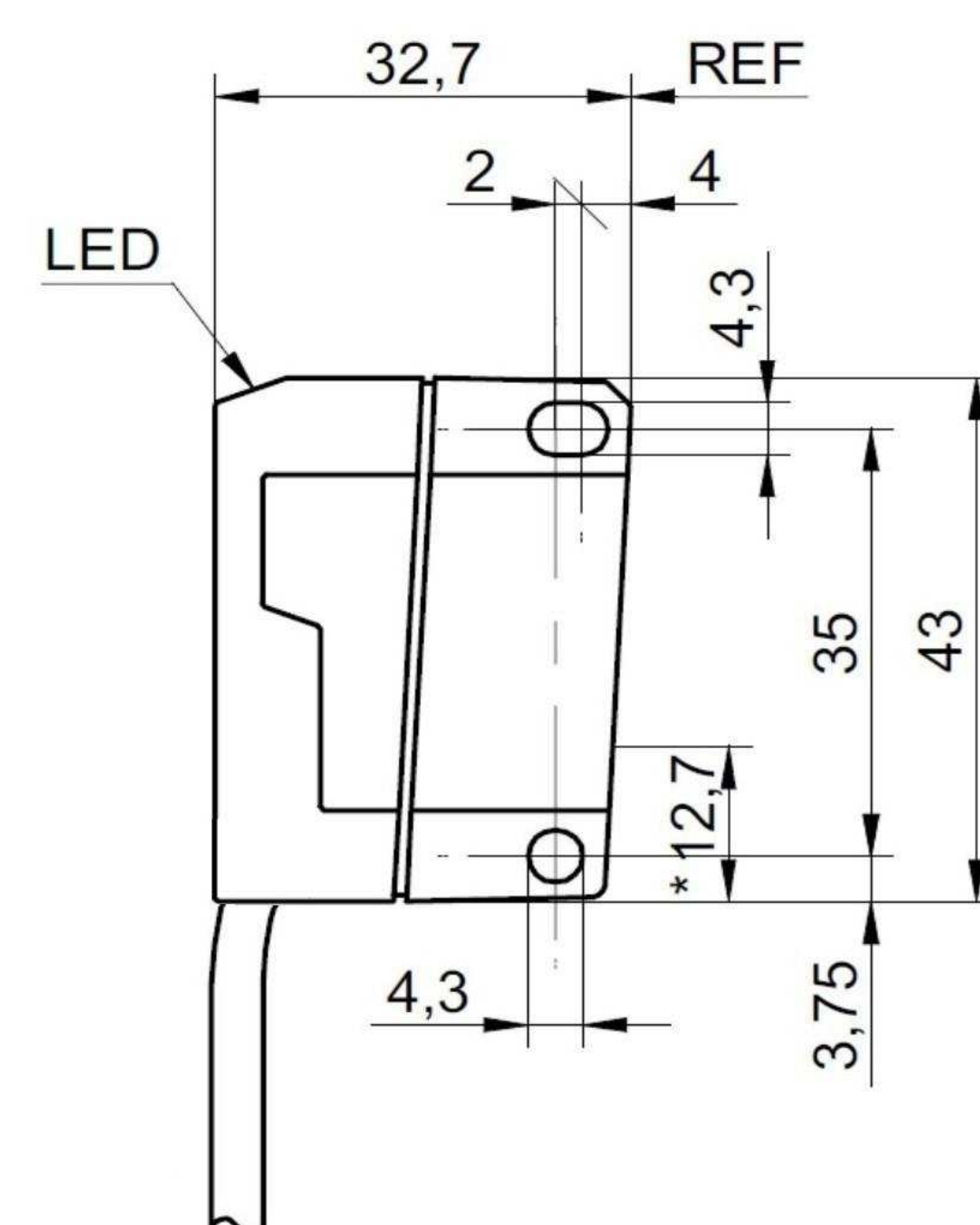
0 - 5 V

Short circuit protection

Yes

Operating temp

0 to $+50^{\circ}\text{C}$



1 m cable of 3X26AWG FEP
tinned copper braided cable 250V 200°C

Red
White
Blue (or Black)
Braid

Supply
Signal
0 V
Connected to case