

QS3-IL

Hybrid pyroelectric sensor with metallic coating. Low noise level.

PRODUCT FAMILY KEY FEATURES

THIS PRODUCT HAS BEEN SUPERSEDED. CHECK [THIS PAGE](#) FOR THE NEW PRODUCT.



SPECIFICATIONS

MEASUREMENT CAPABILITIES

| | |
|---|--------------------------|
| Noise equivalent power ¹ | 2 nW |
| Spectral range | 0.1 - 1000 μm |
| Current responsivity | 0.5 $\mu\text{A/W}$ |
| Thermal frequency | 0.8 Hz |
| Voltage responsivity ² | 25 kV/W |
| Feedback resistor | 100 $\text{G}\Omega$ |
| Supply voltage | $\pm 5\text{ V}$ |
| 1. 630 nm, 5 Hz, 1 Hz bandwidth 2. 630 nm, 15 Hz | |

PHYSICAL CHARACTERISTICS

| | |
|-------------------|-----------------------------|
| Aperture diameter | 3 mm |
| Absorber | MT |
| Dimensions | 9.1 \varnothing x 6.4D mm |
| Weight | 0.001 kg |
| Package | TO5 |

ORDERING INFORMATION

| | |
|--------|--------|
| QS3-IL | 201686 |
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Specifications are subject to change without notice. Refer to the user manual for complete specifications.

INTERESTED IN THIS PRODUCT?

GET A QUOTE

Find your local sales representative at gentec-eo.com/contact-us