

QS9-IF

Hybrid pyroelectric sensor with metallic coating. Fast response.

PRODUCT FAMILY KEY FEATURES

THIS PRODUCT HAS BEEN SUPERSEDED.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



SPECIFICATIONS

MEASUREMENT CAPABILITIES

| | |
|-------------------------------------|--------------------------|
| Noise equivalent power ¹ | 160 nW |
| Spectral range | 0.1 - 1000 μm |
| Current responsivity | 0.25 $\mu\text{A/W}$ |
| Thermal frequency | 0.25 Hz |
| Voltage responsivity ² | 25 V/W |
| Feedback resistor | 100 M Ω |
| Supply voltage | ± 12 V |

1. 630 nm, 5 Hz, 1 Hz bandwidth
2. 630 nm, 15 Hz

PHYSICAL CHARACTERISTICS

| | |
|-------------------|------------------------------|
| Aperture diameter | 9 mm |
| Absorber | MT |
| Dimensions | 15.2 \varnothing x 6.4D mm |
| Weight | 0.0015 kg |
| Package | TO8 |

ORDERING INFORMATION

| | |
|--------|--------|
| QS9-IF | 201683 |
|--------|--------|

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