

## QS2-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THIS PRODUCT HAS BEEN SUPERSEDED.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 <sup>1</sup>	2 nW
Spectral range	0.1 - 1000 $\mu\text{m}$
Current responsivity	0.5 $\mu\text{A/W}$
Thermal frequency	1.6 Hz
Voltage responsivity <sup>2</sup>	25 $\text{kV/W}$
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	2 mm
Absorber	MT
Dimensions	9.1 $\varnothing$ x 6.4D mm
Weight	0.001 kg
Package	TO5

### ORDERING INFORMATION

QS2-IL	201685
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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](http://gentec-eo.com/contact-us)