

SmartDetect HC Type

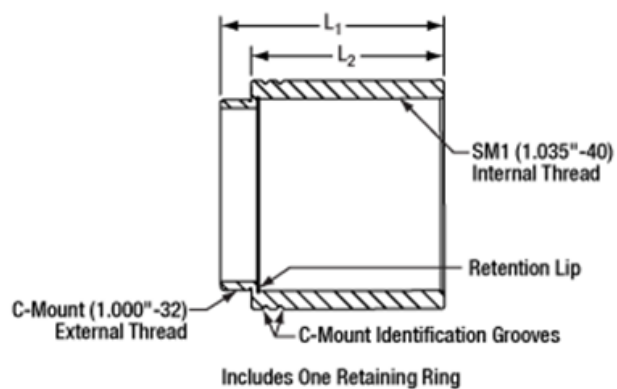
FEATURES:

- Polarisation measurement
- Easy-to-use with standard 1" lens holder
- P-pol & S-pol polarisation output 0 ... 5 V
- Extinction ratio 10.000 : 1
- Integrated amplifier
- 10 kHz bandwidth
- Different wavelengths available
- 5 V_{DC} standard power supply
- Free beam or fiber coupled available



PARAMETER	PHOTODETECTOR A-TYPE
Input voltage	5 V _{DC}
Input bandwidth	10 kHz
Optic power	up to 20 J/cm ²
Wavelength	
VI-TYPE	450 ... 850 nm
IR-TYPE	102 ... 1090 nm
Gain	100 kV/A
Output voltage	0 ... 5 V _{DC}
Maximum output frequency	10 kHz
Aperture	3mm Ø
PARAMETER	COMMON DATA
Output connector	2x SMC
Power consumption	<1 W
Dimensions [mm] (Diameter x Height)	25,40 x t.b.d
Weight (approx.)	T.b.d.
Location of use	Only for inside use
Environmental conditions	
Temperature range	
Operation	15 ... 40 °C
Storage	-10 ... 60 °C
Relative humidity	
Operation	≤80 % (non-condensing)
Storage	≤99 % (non-condensing)
Vertical height of use	
Operation	3000 m
Storage	12.000 m

MECHANICAL DRAWINGS:



L1=1,19" (30,2 mm)

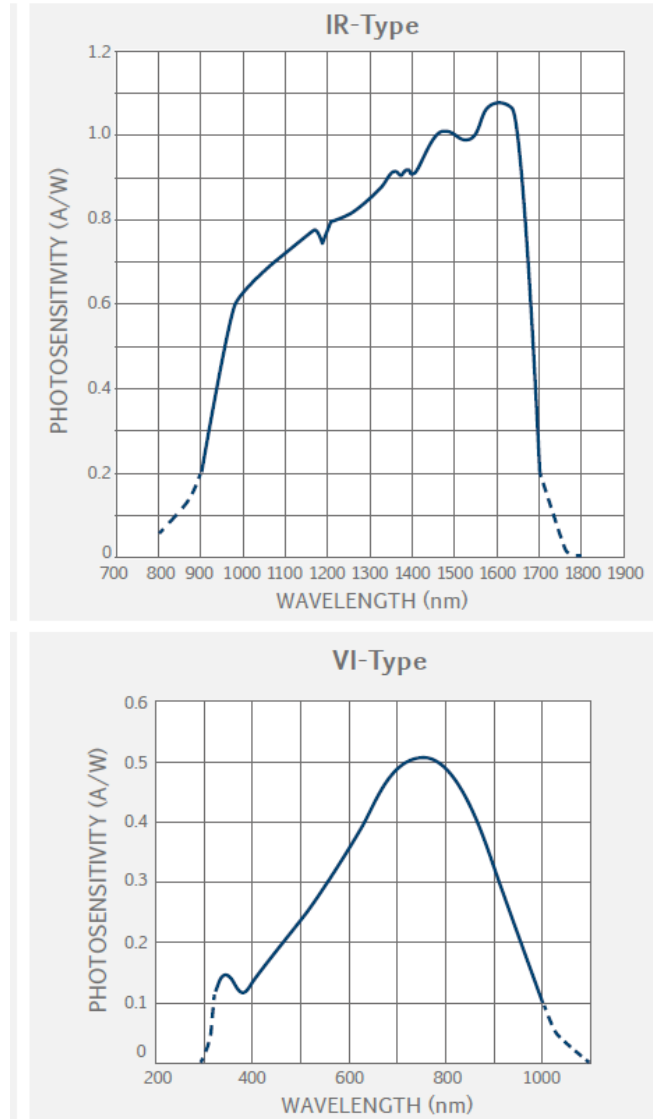
L2=1,03" (26,2 mm)



DESCRIPTION:

CONNECTOR	FUNCTION	SPECIFICATION AND REMARKS
2x SMC	S1 / P1 Output	0 ... 5 V _{DC}
1x USB	Power supply	5 V _{DC}

SPECTRAL RESPONSE:



CONTACT:

LaCoSys GmbH
Ernst-Ruska-Ring 23
D-07745 Jena
Tel.: +49 3641 2241514
mail@lacosys.com
lacosys.com
linkedin.com/company/lacosys-gmbh