

POLISPEC VIS INLINE CONTACT

Inline visible-range spectrophotometer covering 400–700 nm for contact colour monitoring in production processes. Features diffuse/0° measurement geometry, automatic internal references and industrial communication through Poliprocess.

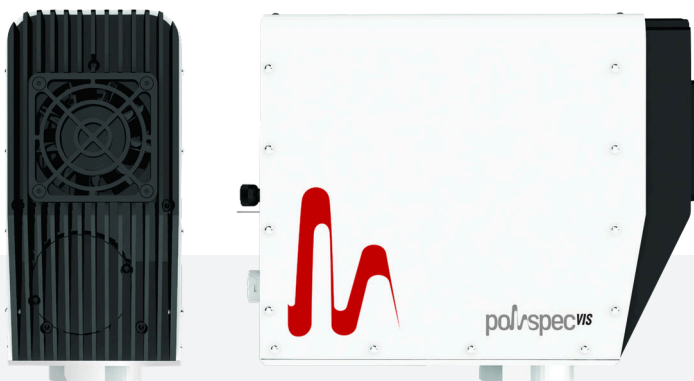


Dim. 22.8 x 17.5 x 8.8 cm (l x h x w)

Weight 2.5 kg

Material Anodised Aluminium
(standard)

IP protection IP68 / IP9K



Sensor CMOS, 256 pixels

Spectral range 400-700 nm

Average numerical resolution 1.6 nm

Average Optical Resolution HWHM < 7 nm

Optical signal collection Direct optical coupling

Power supply 12 Vdc ± 20%

Power consumption <30W including internal processing module
if installed

Operating temperature From -15°C to +46°C



Command and signals

PLC: Modbus over TCP - Server, Modbus over TCP - Client, ISO over TCP (Siemens S7); OPC UA Server; Analog output through Modbus to Analog converter; CANbus/ISObus



Type of measurement Reflectance; Transmittance*
*may require external accessories

Measurement geometry Diffuse/0°

Measurement references Internal and automatic

Communication channels WiFi + RS422 (standard)

Source type Replaceable halogen lamp



Options

Internal processing unit: Ethernet (NH) or CANbus (NC)



Software

poliPROCESS Process analysis software compatible with the SensoLogic and UCal Chemometric suites, interface available for ISObus and PLC systems (modbus over TCP).



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