

POLISPEC UVISE INLINE CONTACT

Inline UV-VIS-NIR spectrophotometer covering 300–1060 nm for contact measurement in production processes. Supports colour and chemical-physical monitoring with automatic internal references and Poliprocess software.



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

Weight 3.1 kg

Material Anodised Aluminium
(standard)

IP protection IP68 / IP9K



Sensor NMOS sensor, 512 pixels

Spectral range 300-1060 nm

Average numerical resolution 1.5 nm

Average Optical Resolution HWHM 2.5 nm

Optical signal collection Direct optical coupling

Power supply 12 Vdc $\pm$ 20%

Power consumption <35W 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
UVA internal light source



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).