

POLISPEC VIS-NIT INLINE

Compact transmission spectrophotometer covering 580–1080 nm with an SMA optical input.
Combines automatic internal references and dynamic signal attenuation with Poliprocess software for process monitoring.



Dim. 19.5 x 10.6 x 10.1 cm (l x h x w)

Weight 1.3 kg

Material Anodised Aluminium
(standard)

IP protection IP44



Sensor CMOS, 256 pixels

Spectral range 580-1080 nm

Average numerical resolution < 2 nm

Average Optical Resolution HWHM < 8 nm

Optical signal collection SMA input

Power supply 12 Vdc

Power consumption 20W



Type of measurement Transmittance

Measurement references Internal and automatic +
dynamic signal attenuator

Communication channels USB



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



Software

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