optris
infrared thermometers

CoolingJacket Advanced

Universal cooling housing for optris® infrared thermometers and cameras up to 315 °C

innovative infrared technology

optris® CoolingJacket Advanced

TECHNICAL DATA

The universal protection for optris® PI series, CTlaser, CSlaser, CTvideo and CSvideo under harsh industrial environments

Features:

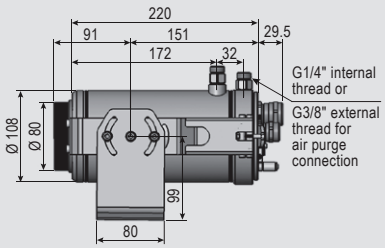
- Operation at ambient temperatures up to 315 °C
- Air/ water cooling with integrated air purging and optional protective windows
- Modular concept for easy installation of different devices and optics
- Trouble-free sensor disassembling on site with quick release chassis
- Integration of additional components like PI NetBox, USB Server Gigabit and Industrial Process Interface (PIF) in extended version

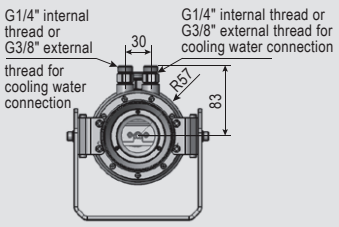
	CoolingJacket Advanced Standard	CoolingJacket Advanced Extended
Environmental rating	IP 65	IP 65
Ambient temperature	up to 315 °C[1)]	up to 315 °C[1)]
Relative humidity	10 ... 95 %, non-condensing	10 ... 95 %, non-condensing
Material (housing)	V2A	V2A
Dimensions	271 mm x 166 mm x 182 mm	426 mm x 166 mm x 182 mm
Weight	5.7 kg	7.8 kg
Air purge collar	G1/4" Internal thread G3/8" External thread	G1/4" Internal thread G3/8" External thread
Cooling water fittings	G1/4" Internal thread G3/8" External thread	G1/4" Internal thread G3/8" External thread
Cooling water pressure	max. 15 bar (217 psi)	max. 15 bar (217 psi)
Scope of supply	• CoolingJacket Advanced, consisting of housing, chassis and focusing unit respectively front part • Installation instructions	• CoolingJacket Advanced, consisting of housing, chassis and focusing unit respectively front part • Mounting accessories for – PI Netbox or USB server Gigabit – Industrial PIF • Installation instructions

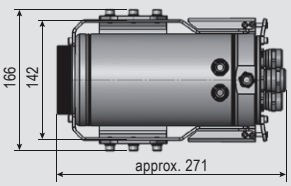
[1)] Cable available up to 250 °C ambient temperature as well as cable cooling up to 315 °C.

Dimensions

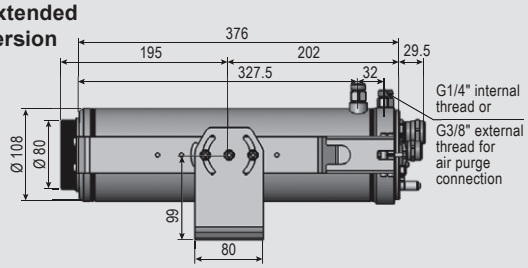
Standard version

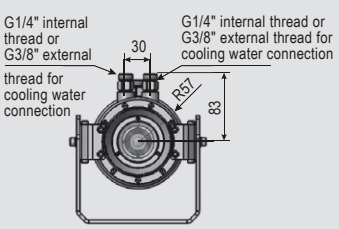


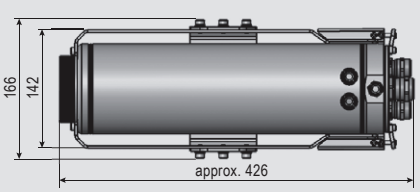




Extended version







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