

- L** LABORATORY
- P** PROCESS
- S** SOFTWARE
- A** AUTOMATION



**SCHMIDT
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iPS CL

Inline Cooling Lubricant Concentration Sensor

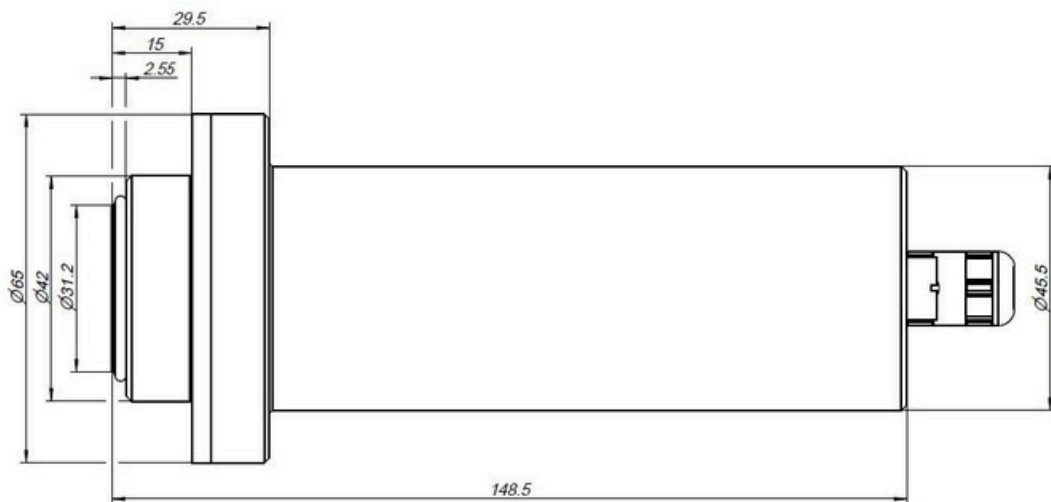
Small and lightweight concentration sensor designed to control the concentration of cutting oils and cooling lubricants



SPECIFICATIONS

iPS CL

Measuring scales	Cooling lubricant Scale %
Measuring range	0 - 25 Brix
Resolution	0.1 Brix
Accuracy	± 0.3 Brix
Temperature Accuracy	± 0.5°
Temperature Resolution	± 0.1°
Process temperature	+5°C to + 40°C
Ambient temperature	+5°C to + 40°C
Max pressure	6 bar 10 bar < 12h
Power supply	24 < 75mA (20V - 28V)
Light source	589 nm LED
Analog data outpt	4–20 mA - active output 300Ω, 2mA output if outside measuring ranges or error condition
Process condition	optional: VariVent-Inline (Tuchenhagen) or APV-Inline (APV)
Other options	Cleaning units (please contact SCHMIDT + HAENSCH for more details)
Dimensions	165 mm x 45 mm (length x diameter)
Weight	500 g



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