

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

# iPS CL

## Inline Cooling Lubricant Concentration Sensor

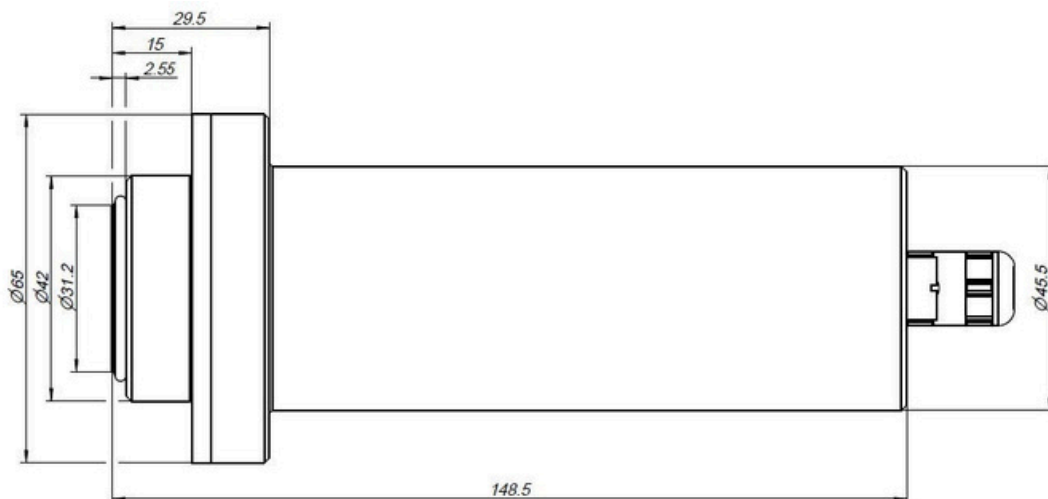
Small and lightweight concentration sensor designed to control the concentration of cutting oils and cooling lubricants



## SPECIFICATIONS

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Measuring scales	Cooling lubricant Scale %
Measuring range	0 - 25 Brix
Resolution	0.1 Brix
Accuracy	± 0.3 Brix at 5°- 45° Celsius
Temperature Accuracy	± 0.5°
Temperature Resolution	± 0,1°
Process temperature	+5° C to + 35°C
Ambient temperature	+10° 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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