

**L** LABORATORY

**P** PROCESS

**S** SOFTWARE

**A** AUTOMATION



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# iPS CL

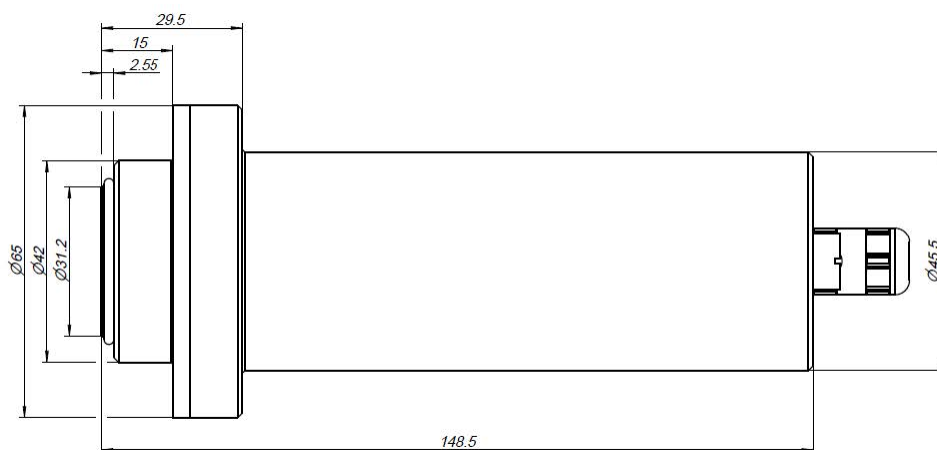
in-line Process Sensor  
for Cooling Lubricants



## SPECIFICATIONS

## IN-LINE PROCESS SENSOR - COOLING LUBRICANTS

|                        |   |
|------------------------|---|
| Measuring scales       | Cooling lubricant Scale %   |
| Measuring range        | 0 - 25 Brix   |
| Resolution             | 0.1 Brix  |
| Accuracy               | ± 0.3 Brix at 5°- 45° Celsius   |
| Temperature Accuracy   | +5 °C   |
| 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 detail)                       |
| Dimensions             | 165 mm x 45 mm ( length x diameter)   |
| Weight                 | 500 g   |



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