

# Technical Specification

## External Sensors

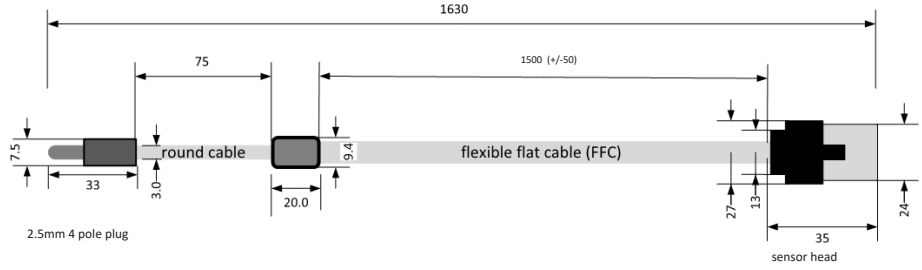
for temperatures below 0 °C (+32 °F) and above 40 °C (+104 °F)  
we recommend to use an external sensor in order  
to avoid a shorter battery life.

### Glycol vial Version

CABLE LENGHT	1.5 meter flat cable
WEIGHT (CABLE AND FILLED VIAL)	22 g
VIAL DIMENSION (L X W X H)	26 x 26 x 34 mm
CONTENT OF GLYCOL	7 ml
OPERATING TEMPERATURE	-40 °C to +60 °C -40 °F to +140 °F
ACCURACY OF TEMPERATURE MEASUREMENT	+/- 0.8 °C from -40 °C to -30 °C +/- 1.44 °F from -40 °F to -22 °F +/- 0.5 °C from -30 °C to +40 °C +/- 0.9 °F from -22 °F to +104 °F +/- 0.8 °C from +40 °C to +60 °C +/- 1.44 °F from +104 °F to +140 °F
OPERATING LIFETIME	7 years useful life



DETAIL SENSOR DIMENSIONS

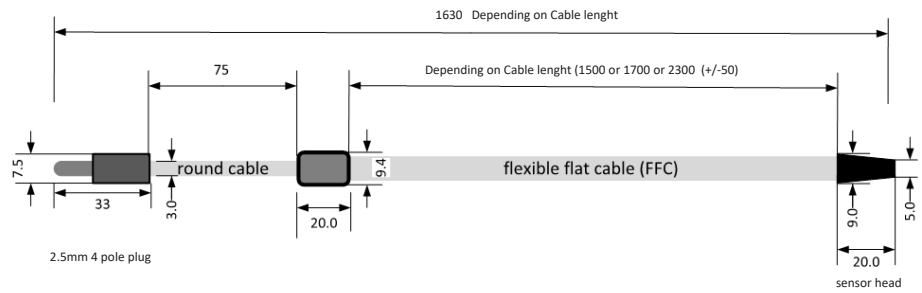


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we recommend to use an external sensor in order  
to avoid a shorter battery life.

### Standard Version

CABLE LENGTH	1.5 meter (flat cable); 1.7 meter or 2.3 meter (round cable)
WEIGHT (CABLE INCLUDING VACUUM CUP)	12 g
VACUUM CUP DIAMETER	41 mm (condition: pressed down)
VACUUM CUP HIGHT	15 mm (condition: pressed down)
OPERATING TEMPERATURE	-40 °C to +60 °C -40 °F to +140 °F
ACCURACY OF TEMPERATURE MEASUREMENT	+/- 0.8 °C from -40 °C to -30 °C +/-1.44 °F from -40 °F to -22 °F +/- 0.5 °C from -30 °C to +40 °C +/-0.9 °F from -22 °F to +104 °F +/- 0.8 °C from +40 °C to +60 °C +/-1.44 °F from +104 °F to +140 °F
OPERATING LIFETIME	7 years useful life
DETAIL VIAL DIMENSION	



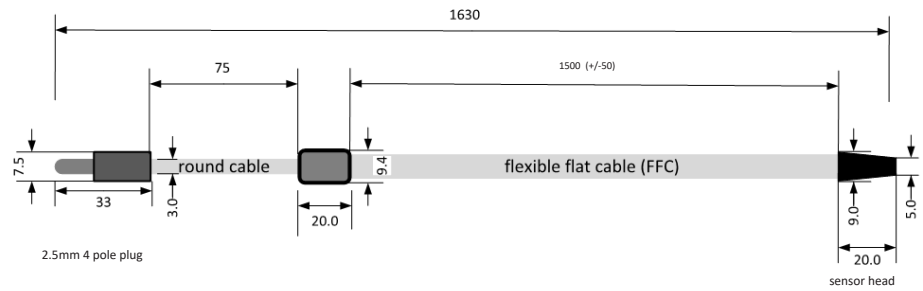
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### External Sensor for Ultra Low Temperatures

CABLE LENGTH	1.5 meter (flat cable)
OPERATING TEMPERATURE	-95°C to 0°C / -139°F to +32°F
OPERATING LIFETIME	1 year useful life
ACCURACY OF TEMPERATURE MEASUREMENT	+/- 2.0°C from -95°C to -25°C +/-3.6°F from -139°F to -13°F  +/- 0.8°C from -25°C to -10°C +/-1.44 °F from -13°F to +14°F  +/- 0.5°C from -10°C to +0°C +/- 0.9 °F from +14°F to +32°F



DETAIL VIAL DIMENSION



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