

SensorTube II Linear Temperature Sensor

Key features

- Loose tube design
- High thermal conductivity
- Non-combustible/no outgassing
- Suitable for indoor and outdoor use
- Wide temperature range
- Robust design
- Withstands aggressive cleaning systems
- Excellent corrosion resistance
- Twin fiber for dual redundant systems

Technical Description

SensorTube II comprises two optical fibers incorporated in a 316s stainless steel tube, grade 316S.

Physical Characteristics

Nominal Cable Diameter: 3.2 mm
Maximum Weight: 29 kg/km
Minimum Bending Radius: 60 mm

Optical Parameter

62.5/125 μ m Graded Index, Multimode Fiber, Acrylate Coating.

Environmental

Operating Temperature Range: -40°C to 90°C (continuous), 150°C (48 hrs)
(Higher temperatures can be withstood for short durations.)

Storage Temperature Range: -40°C to 90°C

Installation Temperature: > 10°C

Compliance: IEC 60794-1 F1

