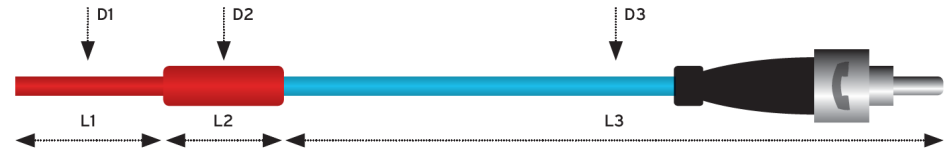


# FIBER OPTIC TEMPERATURE PROBES



MODEL	TS2	TS3	TS4	TS5	TS Trafo	TS Nano
Key Features	High Accuracy, Resistance to High Temperatures, Completely Non-Conductive	Immune to EMI/RFI and Microwave Emissions	High Accuracy, Completely PTFE Coated	Flexible Fiber Optic Cable, Corrosion Resistant, Small and Compact Size	Specifically Designed for Use in Oil-Filled Transformers	Miniature Size for Self-Assembly Applications
Applications	General Use: Power Transformers and Bus Bar	General Use: Microwave and RF Environments	Harsh Chemical Conditions	Medical Environments, Catheter Instrumentation	Oil-Filled Transformers	Process Monitoring
Temperature Range	- 200 °C to + 300 °C	- 200 °C to + 300 °C	- 200 °C to + 200 °C	- 200 °C to + 200 °C	- 200 °C to + 200 °C	- 200 °C to + 200 °C
Accuracy	± 0.2 °C	± 0.2 °C	± 0.2 °C	± 0.2 °C	± 0.2 °C	± 0.2 °C
Response Time	≤ 2.0 s	≤ 2.0 s	≤ 2.0 s	≤ 2.0 s	≤ 2.0 s	≤ 10.0 s
Probe Dimensions	D1: 1.0 mm D2: 1.7 mm D3: 1.3 mm	D1: 1.0 mm D2: 1.7 mm D3: 1.3 mm	D1: 1.7 mm D2: 2.0 mm D3: 1.3 mm	D1: 0.6 mm D2: 2.0 mm D3: 1.3 mm	D1: 1.75 mm D2: 1.2 mm D3: 3.1 mm	D1: 0.5 mm D2: 1.6 mm D3: 1.3 mm
Fiber Optic Cable Dimensions Other length on request	L1: 10 mm L2: 10 mm L3: 1 – 20 m	L1: 10 – 130 mm L2: 30 mm L3: 1 – 20 m	L1: 10 mm L2: 10 mm L3: 1 – 20 m	L1: 10 – 600 mm L2: 15 mm L3: 1 – 20 m	L1: 10 mm L2: 70 mm L3: 1 – 20 m	L1: 5 mm L2: n/a L3: 1 – 20 m
Cable Coating	Polyimide / Teflon	Polyimide / Teflon	Polyimide / Teflon	Polyimide / Teflon	Polyimide / Teflon	Polyimide / Teflon
Connector Type	ST	ST	ST	ST	ST	ST

© 2013-2016 OPTOCON AG – MICRONOR INC.  
ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTIFICATION.



MICRONOR INC.  
FIBER OPTIC KINETIC SENSORS

900 CALLE PLANO, SUITE K  
CAMARILLO, CA 93012 USA

PHONE 805-389-6600  
FAX 805-389-6605

SALES@MICRONOR.COM  
WWW.MICRONOR.COM