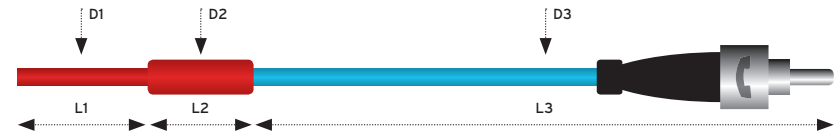


FIBER OPTIC PROBES & SENSORS



MODEL	TS2	TS3	TS4	TS5	TS TRAFO	TSNANO
Key Features	High accuracy, resistance to extreme temperatures, completely non-conductive	Immune to EMI/RFI and microwave emissions, completely non-conductive	High accuracy, completely PTFE coated	Flexible fiber optic cable, corrosion resistant, small and compact size, high accuracy	Specifically designed for use in oil-filled transformers,	Miniature size, robust, self assembly
Applications	Power transformer, Bus bar	Microwave and RF environments	Harsh chemical conditions, e.g. nuclear	Medical environments, catheter instrumentation	Oil-filled transformers	Process monitoring
Temperature range	- 200 °C to + 300 °C	- 200 °C to + 300 °C	- 200 °C to + 300 °C	- 200 °C to + 300 °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: 2,0 mm D2: 2,0 mm D3: 1,3 mm	D1: 0,55 mm D2: 2,0 mm D3: 1,3 mm	D1: 1,75 mm D2: 1,2 mm D3: 3,1 mm	D1: 0,9 mm D2: 1,6 mm D3: 1,3 mm
Fiber optic cable dimensions Other lengths on request	L1: 10 mm L2: 10 mm L3: 1-20 m	L1: 10-130 mm L2: 30 mm L3: 1-20m	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: 30 mm L2: ≤ 1 m 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

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