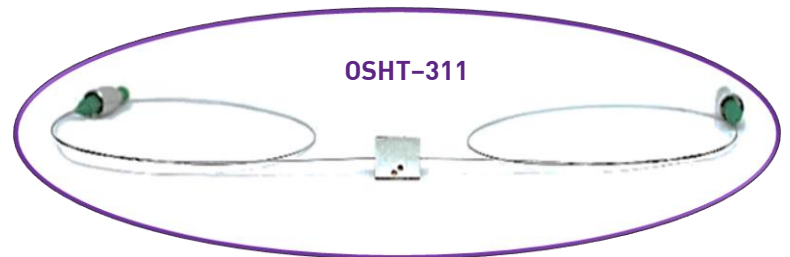


# HIGH TEMPERATURE FIBER SENSORS

UP TO +500°C

Fiber-optic temperature sensors (OSHT series) are meant for measuring temperature on various objects from -70 to +500°C.



SENSORS SPECIFICATION	OSHT-311	OSHT-313
Type sensor design	In line / end type	end type
Sensor material	Steel plate AISI 316L	Steel tube AISI 316L
Size, mm	15 x 15 x 1,1	Ø 21 x 195
Method of attachment	Welded joint	Threaded connection
Connecting size	-	M20
Length of submerged sensor part, cm	-	20 ÷ 200
Optical fiber protection material	Steel tube AISI 316L	
Resonance wavelength, nm	1510 ÷ 1590	
Temperature measuring range, °C	-70 ÷ +500	
Accuracy in the entire range, °C (t – temperature)	± 1.5*	± 1,5
Accuracy class according to GOST 6651-2009	B	

\* For end type sensor design.