

# Wire Atex sensor S14331/8X10M3



**Construction** According EN 50014 and EN 50019

EX execution II 2 G Eex e II T6  
 Suitable for zone 1 and 2  
 Ingress protection IP65 / IEC529  
 Ambient temp. range -40°C...+80°C

**Sheath**

Construction Epoxi sealed  
 Material SS316  
 Diameter Customer to specify  
 Length "L" Customer to specify

**Sensor**

Style / Connection Single Pt 100  
 3 wire system  
 Accuracy According IEC 751  
 Range -60 to 250°C

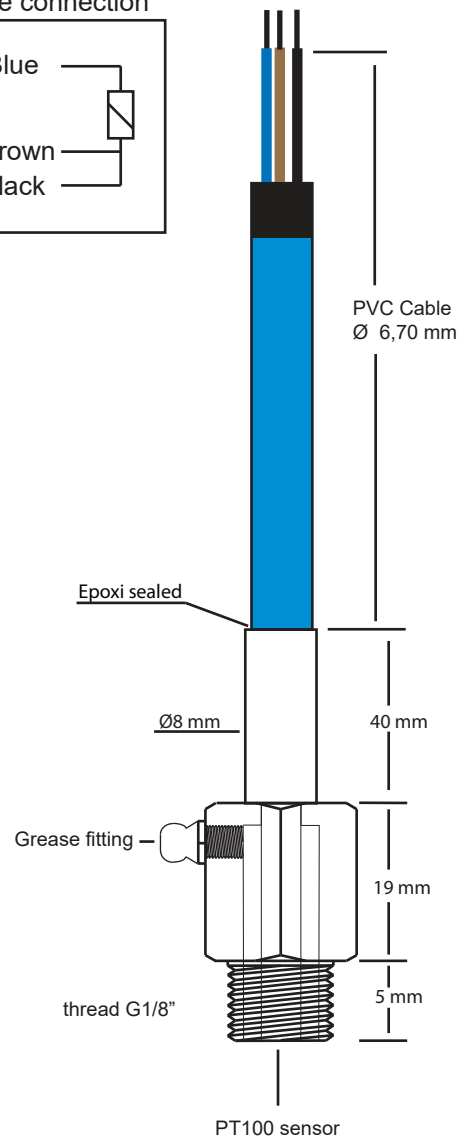
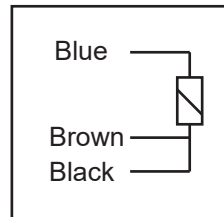
**Sealpot**

Length Approx. 40mm  
 Diameter To suit cable diameter

**Cable**

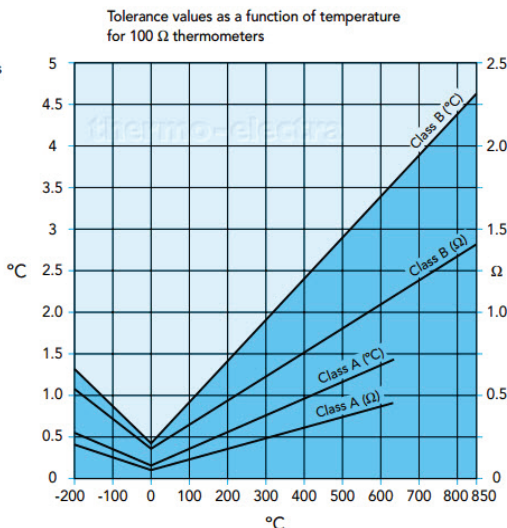
Type of cable PVC + SILICONE standard  
 Cable length "K" Customer to specify  
 Option PUR, Silicon or PTFE insulated cable  
 Customer to specify

**Wire connection**



Tolerances for 100 Ω thermometers

temp °C	class A		class B	
	±°C	±%Ω	±°C	±%Ω
-200	0.55	0.24	1.3	0.56
-100	0.35	0.14	0.8	0.32
0	0.15	0.06	0.3	0.12
100	0.35	0.13	0.80	0.30
200	0.55	0.20	1.3	0.48
300	0.75	0.27	1.8	0.64
400	0.95	0.33	2.3	0.79
500	1.15	0.38	2.8	0.93
600	1.35	0.43	3.3	1.06
700	-	-	3.8	1.17
800	-	-	4.3	1.28
850	-	-	4.6	1.34



especialistas en  
 regulación y control  
 de temperatura

Avenida del Cantábrico, 11. P6. 01013 Vitoria-Gasteiz (Spain)  
 tel. (+34)945 259455 e-mail: consultas@srsl.com www.srsl.com

