

MINIATURE RESISTANCE TEMPERATURE DETECTOR

R

R Miniature Resistance Temperature Detector							
Code	Resistance Value	Code	Resistance Value	Code	Resistance Value		
A	Pt50	C	Pt500	D	Pt1000		
P	Pt100 						
<i>(Pt resistance values according IEC 751)</i>							
Code	Construction¹⁾	Temperature	Diameters	Code	Construction²⁾	Temperature	Diameters
1	Rigid-PVC	+0/+80 °C	4,8 to 6,4 mm	4	Bendable	-50/+300 °C	1,6 & 2,0 mm
2	Rigid-SI	-25/+180 °C	4,8 to 6,4 mm	5	Bendable	-200/+400 °C	3,0 & 3,2 mm
3	Rigid TEX	-50/+200 °C	3,2 to 6,4 mm	6	Bendable	-200/+550 °C	4,8 to 6,4 mm
Code	Tolerance	Code	Tolerance	Code	Tolerance		
A	Class A ¹	C	1/3 Class B ¹	E	1/10 Class B ²		
B	Class B	D	1/5 Class B ²				
<i>(Tolerances as per IEC 751. ¹ For 3 and 4 wire only. ² For 4 wire only)</i>							
Code	Element Type	Code	Element Type	Code	Element Type	Colour coded as per IEC 751	
1	2 Wire single	3	3 Wire single	5	4 Wire single		
2	2 Wire duplex	4	3 Wire duplex	6	4 Wire duplex		
Code	Sheath Diameter	Code	Sheath Diameter	Code	Sheath Diameter	Sheath material: SS 316	
F	1,6 mm (1/16")	K	3,2 mm (1/8")	P	6,4 mm (1/4")		
G	2,0 mm	M	4,8 mm (3/16")				
J	3,0 mm	N	6,0 mm				
Immersion Length¹⁺²⁾ Specify immersion length in mm. Always use 4 characters including leading zero's. 10 meters and above use "m" as 3rd digit. 100 meters and above use "m" as 4th digit							
Code	Wire type	Code	Wire type				
A	P	H	SS Flexible armour + TEX				
B	P/P	J	Glassfibre + galv. steel braiding				
C	P/CuPTW	K	Si/Si				
D	TEX	L	Si/CuSiTW				
E	TEX/CuTEXTW	X	No leadwire				
F	TEX/TEXTW						
Wire length Specify wire length in mm. Always use 4 characters including leading zero's. 10 meters and above use "m" as 3rd digit. 100 meters and above use "m" as 4th digit <i>(Enter '0000' when no wire is selected)</i>							
Code	End Termination (Connectors)	Code	End Termination (Connectors)				
A	Bare ends	P	Lemo size 0 female				
B	Standard male	Q	Lemo size 1 female				
C	Standard female	R	Lemo size 2 female				
D	High Temp standard male	S	Lemo size 0 male				
K	Miniature male	T	Lemo size 1 male				
L	Miniature female	U	Lemo size 2 male				
M	High Temp miniature male	V	Junction Box connector ¹⁾				
<i>(¹ For flexible armour only)</i>							
Code	Options						
X	No option						
A	Bracket with wire clamp						
B	Bracket with fitting						
C	Moisture proof jacket ¹						
D	Spring on transition						
E	Pot seal M 8 x 1 + locknuts ²						
<i>(¹ Only for standard & miniatur Connectors. ² only for Ø 1,6 to 3,0 mm sheath dia.)</i>							
Code	Options						
X	No option						
F	Fixed plug 1/8"NPT (SS316)						
G	Fixed plug 1/4"NPT (SS316)						
H	Fixed plug 1/2"NPT (SS316)						
J	Fixed plug 1/8"BSPP (SS316)						
L	Fixed plug 1/2"BSPP (SS316)						
¹⁾ Rigid construction: min. immersion length : 15 mm max. immersion length : 500 mm							
²⁾ Bendable construction: min. immersion length : 50 mm max. immersion length : 2-wire : 750 mm 3-wire : 15 m 4-wire : 30 m							
BLACK CODES ARE STANDARD COMBINATIONS							
R							Your ordering code