

## ORDERING INFORMATION - MODEL IS40R

Model	Product Description		
IS40R	Series IS40R Thermoresistance –Fast-Response Probe with Mineral Insulation		
Code	Explosion Proof Rating		
1	Standard		
3	EEx ia IIC T6 Intrinsically Safety acc. EN 50020		
Code	Sensor Type	TCR [Ω/Ω/°C]	Temperature Range [°C]
D	Pt100-DIN/IEC 60751	0.003850	-200 to 600
J	JPt100-JIS1604-1981	0.003916	-200 to 600
X	Other		
Code	Precision Class	Tolerance	
A	DIN/IEC Class A	±[0.15+0.002  t  ] °C	
B	DIN/IEC Class B	±[0.30+0.005  t  ] °C	
C	DIN 1/3 Class B	±[0.10+0.005  t  ] °C	
X	Other		
Code	Number of Elements- Electrical Circuit		
12	Single - 2 Wires		
13	Single - 3 Wires		
14	Single - 4 Wires		
22	Double - 2 Wires		
23	Double - 3 Wires		
24	Double - 4 Wires (For ≥ 6 mm diameter. Only)		
Code	Diameter d		
30	Ø3 mm		
32	Ø 3.2 mm		
45	Ø 4.5 mm		
60	Ø 6 mm		
80	Ø 8 mm		
X	Other		
Code	Sheath Material		
A1	AISI316(DIN1.4401)		
A2	AISI316Ti(DIN1.4571)		
XX	Other		
Code	Assembly Type	Material	
D1	Without Holding Tube		
S1	With Holding Tube	AISI 316	
XX	Other		
Code	Probe Length "LU" [mm]		
0004	4 mm		
0005	5mm		
0008	8mm		
0015	15mm		
0020	20mm		
0100	100mm		
XXXX	Other		
Code	Extension Cable Length "LC" [mm]		
01000	1000mm		
02000	2000mm		
03000	3000mm		
10000	10000mm		
NNNNN	Without Extension Cable		
XXXX	Other		
Code	Extension Cable Insulation	Temperature Range [°C]	
M	PVC	-20 to 105	
N	Silicone	-60 to 180	
O	PTFE(Teflon)	-75 to 260	
P	Fiberglass	-60 to 400	
W	Only for Without Cable		
X	Other		
Code	Extension Cable Type		
N	Non-shielded		
O	Shielded		
W	Only for Without Cable		
X	Other		
Code	Additional Options		
C	With Female Plug Connector Termination		
D	With Male Plug Connector Termination		
E	With Female Plug and Mating Connector Termination		
S	With Protective Spring, Only for With Holding Tube Assemble Type		
P	With Compression Fitting Process Connection In AISI 316		
X	Other		
Typical Model Number: IS40R 1 D A 13 32 A1 S1 0100 01000 O O P (1/2" NPT)			

**Figure for Fast-Response Thermoresistances**

