

ORDERING INFORMATION - MODEL IS40C

Model	Product Description		
IS40C	Series IS40C Thermocouple –Fast-Response Probe with Mineral Insulation – Acc. to IEC 60584		
Code	Explosion Proof Rating		
1	Standard		
3	EEx ia IIC T6 Intrinsically Safety acc. EN 50020		
Code	Sensor Type	Temperature Range [°C]	
K	K : NiCr-NiSi	0 to +1200	
N	N : NiC rSi-NiSi	0 to +1260	
J	J : Fe-CuNi	0 to +750	
T	T : Cu-CuNi	-180 to +400	
E	E: NiCr-CuNi	-200 to +900	
X	Other		
Code	Precision Class	Tolerance- K,N,J,E	Tolerance- T
1	Class 1	±1.5 °C or ±0.0040 t °C	±0.5 °C or ±0.0040 t °C
2	Class 2	±2.5 °C or ±0.0075 t °C	±1.0 °C or ±0.0075 t °C
Code	Number of Elements		
12	Single		
22	Double		
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		
A10	AISI 316(DIN 1.4401), For Type J,T,E		
A22	INCONEL 600(DIN 2.4816), For Type K,N		
A35	Pyrosil, For Type K,N		
XX	Other		
Code	Assembly Type	Material	
D1	Without Holding Tube	AISI 316	
S1	With Holding Tube		
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 Type		
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 Type		
X	Other		
Code	Extension Cable Type		
N	Non-shielded		
O	Shielded		
W	Only for Without Cable Type		
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(DIN1.4401)		
X	Other		

Typical Model Number: IS40C 3 K 1 12 45 A22 S1 0100 01000 O O P (1/2" NPT)

Figure for Fast-Response Thermocouples

