

**ORDERING INFORMATION - MODEL IS60C**

Model	Product Description		
IS60C	Series IS60C Thermocouple –Continuously Detect Line Probe with Mineral Insulation – Acc. to IEC 584		
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 +890	
N	N : NiCr rSi-NiSi	0 to +890	
J	J : Fe-CuNi	0 to +750	
T	T : Cu-CuNi	0 to +400	
E	E : NiCr-CuNi	0 to +890	
X	Other		
Code	Constant	Tolerance	
1	Class 1	±10 °C	
2	Class 2	±15 °C	
Code	Number of Elements		
12	Single		
Code	Diameter d		
15	Ø1.5 mm		
20	Ø2.0 mm		
30	Ø3.0 mm		
32	Ø 3.2 mm		
45	Ø 4.5 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	
S1	Single Transition with Extension cable	AISI 316	
D1	Double Transitions with Extension cables	AISI 316	
Code	Probe Length “LU” [mm]		
00200	200 mm		
01000	1000mm		
10000	10000mm		
XXXXX	Other		
Code	Extension Cable Length “LC” [mm]		
01000	1000mm		
02000	2000mm		
03000	3000mm		
10000	10000mm		
XXXXX	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	
X	Other		
Code	Extension Cable Type		
N	Non-shielded		
O	Shielded		
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, AISI 316		
P	With Pressure Clip, AISI 316		
X	Other		

Typical Model Number: IS60C 3 K 1 30 A22 S1 20000 O O P

**Figure for Fast-Response Thermocouples**

