

MODEL INFORMATION – IW201

Model	Product Description		
IW201	Series IW201 Thermowell Material in Nonmetal		
Code	Protective Tube Material / Dimensions D2- ODxD [mm]	Max. Temperature [°C]	
C724	Ceramic C799 ⁽¹⁾ / Ø24x18mm	1800	
C715	Ceramic C799 / Ø15x10mm	1800	
S925	Silicon Carbide/ Ø1"x1/2"	1600	
S920	Silicon Carbide / Ø3/4"x1/2"	1600	
S800	Pyro Alloy-SiAlCr/ Ø1"x1/2"	1600	
S801	Pyro Alloy-SiAlCr/ Ø1"x3/8"	1600	
M620	LT-1 ⁽³⁾ Metal Ceramic / Ø 7/8"x5/8"	1370	
M625	LT-1 ⁽³⁾ Metal Ceramic / Ø1"x3/8"	1370	
S828	Syalon Sialon Ceramic/ Ø28x16	1150	
S822	Syalon Sialon Ceramic/ Ø22x12	1150	
S816	Syalon Sialon Ceramic/ Ø16x9	1150	
XXXX	Other		
Code	Holding Tube Material		
A10	AISI 316(DIN1.4401)		
A15	AISI 314(DIN1.4841)		
A18	AISI 310(DIN1.4845)		
A20	AISI 446(DIN1.4762)		
A22	INCONEL 600 (DIN 2.4816)		
A23	INCOLOY 800 (DIN 1.4876)		
A01	Carbon Steel ASME- A 105		
XXX	Other		
Code	Holding Tube Dimension D1- OD [mm]		
D36	Ø 36		
D32	Ø 32		
D28	Ø 28		
D21	Ø 21		
XXX	Other		
Code	Instrument Connection		
N1	1/2" NPT		
N2	3/4" NPT		
XX	Other		
Code	Insertion Length "LU" [mm]		
0500	500		
XXXX	Other		
Code	Holding Tube Insertion Length "LP" [mm]		
0200	200		
NNNN	Without Process Connection		
XXXX	Other		
Code	Extension Length "N" [mm]		
0200	200		
NNNN	Without, only for Thread Process Connection		
XXX	Other		
Code	Process Connection Material		
A10	AISI 316(DIN1.4401)		
A00	Equal to Holding Tube		
NNN	No selection		
XX	Other		
Code	Process Connection		
PF	Flange		
PA	Adjustable Flange		
PT	Thread		
NN	Without		
XXX	Other		
Code	Process Connection Specification		
1/2" NPT	1/2" NPT		
FC	Flange Connection		
NN	Without Process Connection		
XX	Other		

Typical Model Number: IS30C 1 B 2 12 50 A C724 A10 D32 A1 K N U21 A10 200 0500 0200

- (1) C 799: Ceramic - 99.7% Al₂O₃, According to DIN EN 60672
- (2) SA: Silicon Carbide - 99.1% SiC, According to DIN EN 12212
- (3) LT-1: Metal Ceramic - 76% chromium/24% Al₂O₃

Figure for Nonmetal Thermocouples

