

THERMOCOUPLE AND RTD ASSEMBLIES

Head Type Technical Data



HN TYPE



HP TYPE



HD TYPE



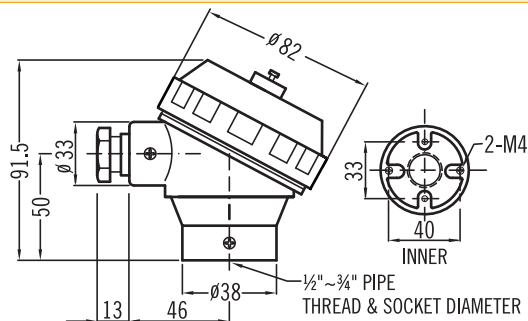
HI TYPE



HB TYPE

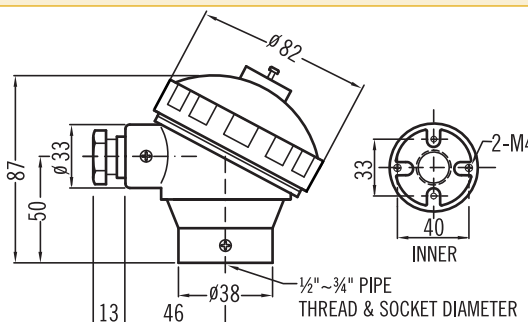
HN Type

Protection: IP67
Material: Aluminum Alloy
Weight: 264g
Protection tube connection: 1/2", 3/4" (PF, NPT, BSP), M20X1.5
Extension wire connection: 1/2", 3/4" (PF, NPT, BSP), M20X1.5
 Other specifications are available on request.



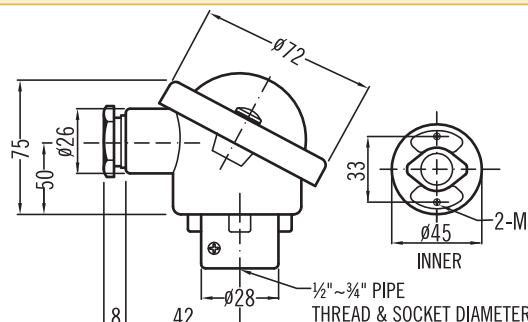
HP Type

Protection: IP65
Material: Polypropylene
Weight: 112g
Protection tube connection: 1/2" NPT, 1/2" BSP
Extension wire connection: 3/4" NPT, M20X1.5
 Other specifications are available on request.



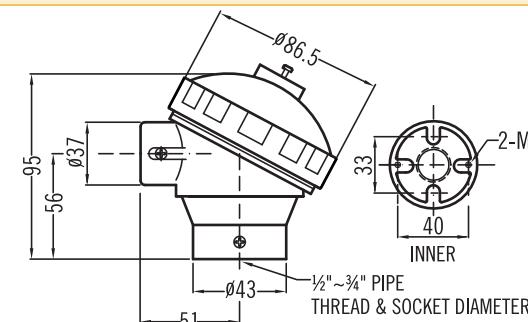
HD Type

Protection: IP67
Material: Aluminum Alloy
Weight: 158g
Protection tube connection: 1/2" PF, 1/2" BSP
Extension wire connection: M22X1.5, PG16
 Other specifications are available on request.



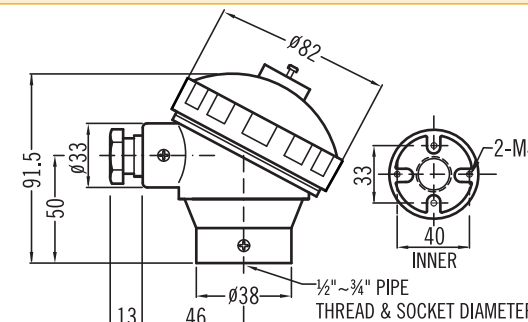
HI Type

Protection: IP67
Material: Cast Iron
Weight: 1600g
Protection tube connection: 1/2", 3/4" (PF, NPT, BSP), M20X1.5
Extension wire connection: 1/2", 3/4" (PF, NPT, BSP), M20X1.5
 Other specifications are available on request.



HB Type

Protection: IP65
Material: Bakelite
Weight: 156g
Protection tube connection: 1/2" PF
Extension wire connection: 1/2" PF
 Other specifications are available on request.



Head Type Technical Data



XDS TYPE

XDS Type

Material: 316 Stainless Steel**Weight:** 127g**Protection tube connection:** $\frac{1}{2}$ "PF, $\frac{3}{4}$ "PF, $\frac{1}{2}$ "NPT, $\frac{3}{4}$ "NPT $\frac{1}{2}$ "BSP, $\frac{3}{4}$ "BSP, G $\frac{1}{2}$ ", G $\frac{3}{4}$ "

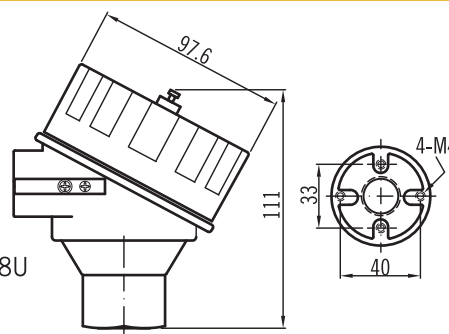
M20x1.5, M24x1.5, M25x1.5

Extension wire connection:M20x1.5, M25x1.5, $\frac{1}{2}$ "NPT, $\frac{3}{4}$ "NPT**EC certificate no.:** BSI 07 ATEX 1532458U**ATEX directive code:** II 2 G D**Standard code:** Ex d IIC T6, Ex tD A21

T100°C IP6x Ta= -20°C to +40°C

FM Approvals: XP/II/1/ABCD/T6; DIP/II,III/1/EFG/T6; Type 4X

Explosionproof for Class I, Division 1, Groups A,B,C and D; and dust-ignitionproof for Class II, III Division 1, Groups E,F and G, hazardous (classified) locations; indoor / outdoor (NEMA Type 4X).

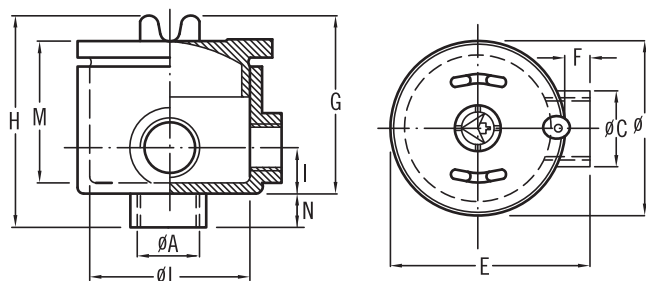


S1 TYPE



S2 TYPE

S1 & S2 Type

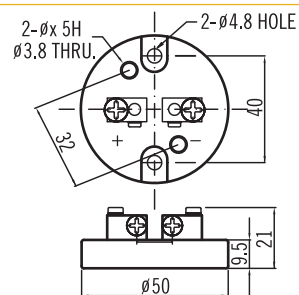
Protection: Explosion proof. EExdIICT6 IP65**Material:** Aluminum Alloy

Type	Dimensions											Terminal Block (on request)	Weight Gr.
	ØA	ØB	ØC	E	F	G	H	I	ØL	M	N		
S1	$\frac{1}{2}$ "	70	31	79	9	72	85	20	55	52	13	4x4 mm ²	350
S2	$\frac{3}{4}$ "	90	38	100	10	78	92	24	76	69	14	4x4 mm ²	510

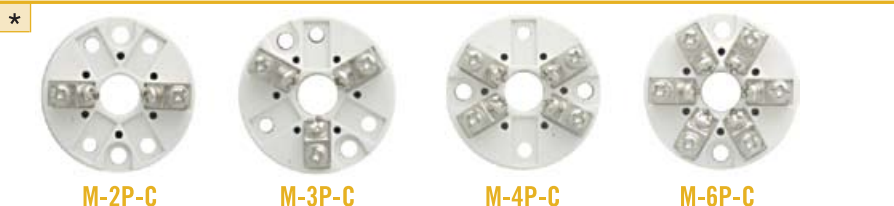
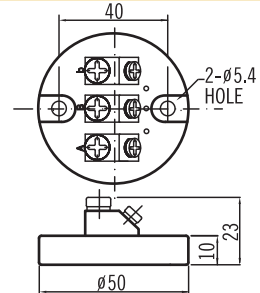
Terminal Type-Terminal blocks for connection heads



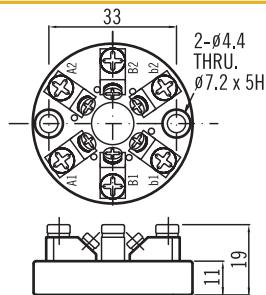
Material: Ceramic Al_2O_3 92%
Temperature limited: 600°C
Terminal block weight: 2P-A(72g); 3P-A(78g); 3P-A(Y)(72g); 4P-A(84g); 6P-A(94g)



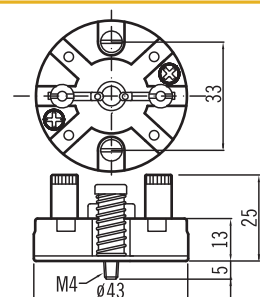
Material: Bakelite
Temperature limited: 180°C
Terminal block weight: 2P-B(56g); 3P-B(68g); 3P-B(Y)(44g); 4P-B(84g); 6P-B(66g)



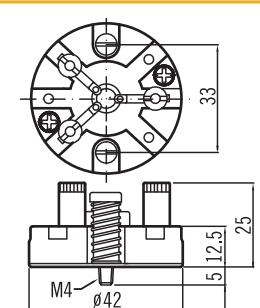
Material: Ceramic
Temperature limited: 600°C
Terminal block weight: 2P-C(34g); 3P-C(38g); 4P-C(42g); 6P-C(54g)



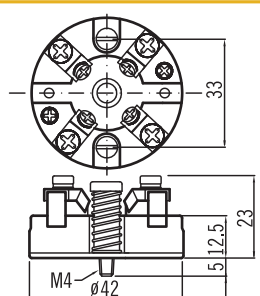
Material: Ceramic Al_2O_3 92%
Temperature limited: 600°C
Terminal block weight: 2P-A(66g); 3P-A(72g); 4P-A(78g); 6P-A(88g)



Material: Bakelite
Temperature limited: 180°C
Terminal block weight: 2P-B(48g); 3P-B(54g); 4P-B(60g); 6P-B(72g)



Material: Ceramic
Temperature limited: 600°C
Terminal block weight: 2P-C(64g); 3P-C(70g); 4P-C(74g); 6P-C(84g)



NOTE

* HD Type: Head Type
 HD only choose these terminal blocks of type D-2P-A/M-6P-C/D-3P-B/DS-4P-C.
 All type of terminal blocks are suitable for other head.