

# CONNECTION HEADS

JMS part numbers are shown in black. (Ordering codes are shown in parenthesis)



**6L** (L) General purpose aluminum head with hinged cover 1/2" x 1/2" connection (Standard)  
*Features:* Corrosion resistant, Moisture resistant, Dust resistant, Durable, NEMA 4 compliant. 150°C (302°F) Max temp rating



**6M** (M) General purpose aluminum head with cap and chain, 1/2" x 3/4" connection  
*Features:* \*Corrosion resistant, \*Moisture & Dust resistant, \*Durable, \*\*Nema 4



**6N** (N) General purpose cast iron head. Same specs as 6M head



**6SS** (SS) General purpose 316L stainless steel head with cap and chain. Same specs as 6M head. \*\*NEMA 4X



**6I** (SI) Explosion proof cast iron head 3/4" x 3/4" connection  
*Features:* UL + CSA explosion proof rated for Class I, Div. I, Groups B, C, D, Class II, Div. I, Groups E, F, G, Class III. \*NEMA 3 & 4 rated. \*Moisture resistant, \*Dust resistant. \*Cast iron with aluminum cover.



**6ISS** (J) Explosion proof stainless steel head 1/2" x 3/4" connection  
*Features:* FM + CSA explosion proof rated for Class I, Div. I, Groups B, C, D, Class II, Div. I, Groups E, F, G, Class III. \*NEMA 4X rated. IP66

**6ISSATEX** (U) Explosion proof stainless steel head 1/2" x 3/4". IP66  
*Features:* ATEX explosion proof rated for II 2G Ex d IIC, Ta = -20°C to +125°C



**6IAIEC** (P) Explosion proof aluminum head 1/2" x 3/4" connection  
*Features:* FM, CSA ATEX & IEC Ex explosion proof rated for Class I, Div. I, Groups B, C, D, Class II, III, Div. I, Groups E, F, G. ATEX II 2GD Ex d IIC Gb Ex tb IIIC Db IP68, Ta = -40°C to +85°C IEC Ex SIR 09.0006U, NEMA 4X, IP66.



**6IA** (I) Explosion proof aluminum head 1/2" x 3/4" connection  
*Features:* FM & CSA. Explosion proof rated for Class I, Div. I, Groups B, C, D, Class II, III, Div. I, Groups E, F, G. Ta= -50°C to +125°C. NEMA 4X, IP66



**6R** (R) High dome, general purpose head with hinged cover, 1/2" x 1/2" connection  
**6RV** (RV) High dome, general purpose head with hinged window cover, 1/2" x 1/2" connection  
*Features:* \*Corrosion resistant, \*Moisture resistant, \*Dust resistant, \*Durable. \*\*NEMA 4 compliance



**6WP** (WP) White plastic screw-top head (polypropylene) 1/2" x 3/4" connection  
*Features:* \*Moisture resistant, \*Dust resistance, \*Excellent corrosion resistant, \*Very light weight. \*NEMA 4X rated. 198°F Maximum temperature rating



**6Q** (Q) Black plastic (polyamid 6) head 1/2" x 1/2" connection  
*Features:* \*Moisture resistant, \*Dust resistant, \*Excellent corrosion resistance, \*Very light weight



**6S250** (SB) Cylinder style head, 1/4" NPT Small & light weight

**6S125** (SD) Cylinder style head, 1/8" NPT Small & light weight



**6T** (ST) Miniature molded head <400°F, 1/4" x 1/4" connection

**6U** (SU) Hi temp miniature head <800°F, 1/4" x 1/4" connection



**69B** (SA) 90° Pulling Elbow Malleable Iron/ Zinc plated 1/2" x 1/2" connection. Wire nuts not included  
*Features:* \*Rain tight \*Small and light weight \*UL Listed: E-11853 \*CSA Certified: 9795



**6G2** (OG) Ceramic block with brass terminals for type 6M and 6N connection heads. For use with 8 to 14 gauge wires. (See pg. 1-4) Temperature rating of 200°C.  
*Dimensions:*  
6G2: H = .790", W = 2.00", D = 1.544"  
6G4: H = 1.146", W = 2.00", D = 1.544"



**6B4** (O) Ceramic block with brass terminal plates for type 6L, 6M, 6N, 6Q, and 6R connection heads. For use with maximum 16 gauge wire. (See pg. 1-4) Temperature rating of 200°C.  
*Dimensions:*  
6B4: Diameter = 1.62", Depth = .6"  
6B6: Diameter = 1.62", Depth = .6"



**6C4** (OS) Ceramic block with 304SS terminal posts for type 6L and 6Q connection heads. The terminal posts provide easy access to the wires. For use with max. 18 gauge wire. Temperature rating of 200°C.  
*Dimensions:* Diameter = 1.662", Depth = .995"



**6BB4** (OA) / **6BB6** Bakelite terminal block with nickel plated brass terminal posts for type 6IA and 6ISS connection heads. For use with max. 20 gauge wire. Temperature rating of 130°C.  
*Dimensions:* 6BB4: Diameter = 1.96", Depth = .9056"



**6PT2 / 6PT3 / 6PT4** (shown) / **6PT6 / 6PT8** (OP) Unpluggable terminal blocks for easy calibration and removal of sensors. Terminal body is made of 6.6 Polyimide material, with corrosion proof screw clamp parts. For use with 18 gauge to 24 gauge wires. It is standard with 6R, 6I and 6P connection heads. Temperature rating of 100°C.

**Note:** If not specified, you will receive both male & female components.

For more information and details on connection heads and accessories, visit [www.jms-se.com/headspecs](http://www.jms-se.com/headspecs)