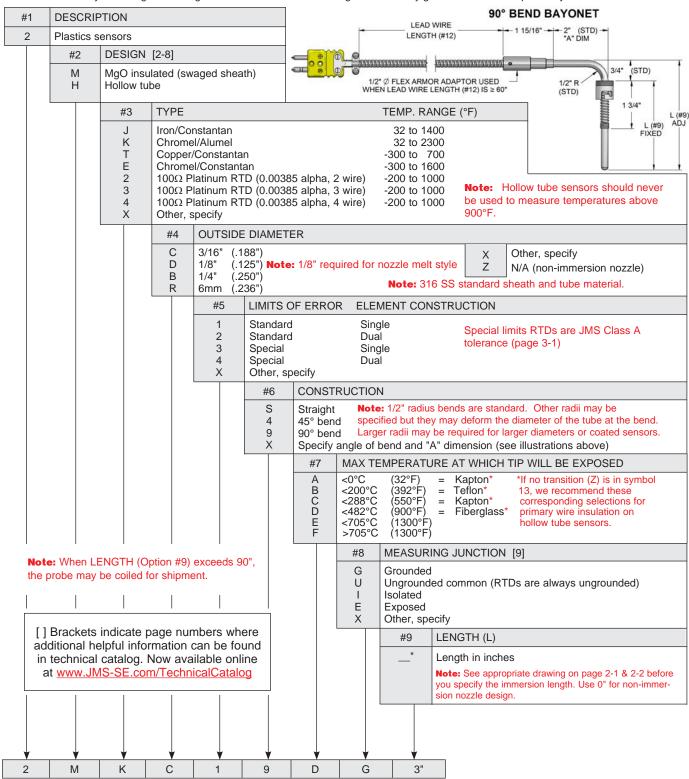
## PLASTICS SENSORS

## **BAYONET TEMPERATURE SENSORS**

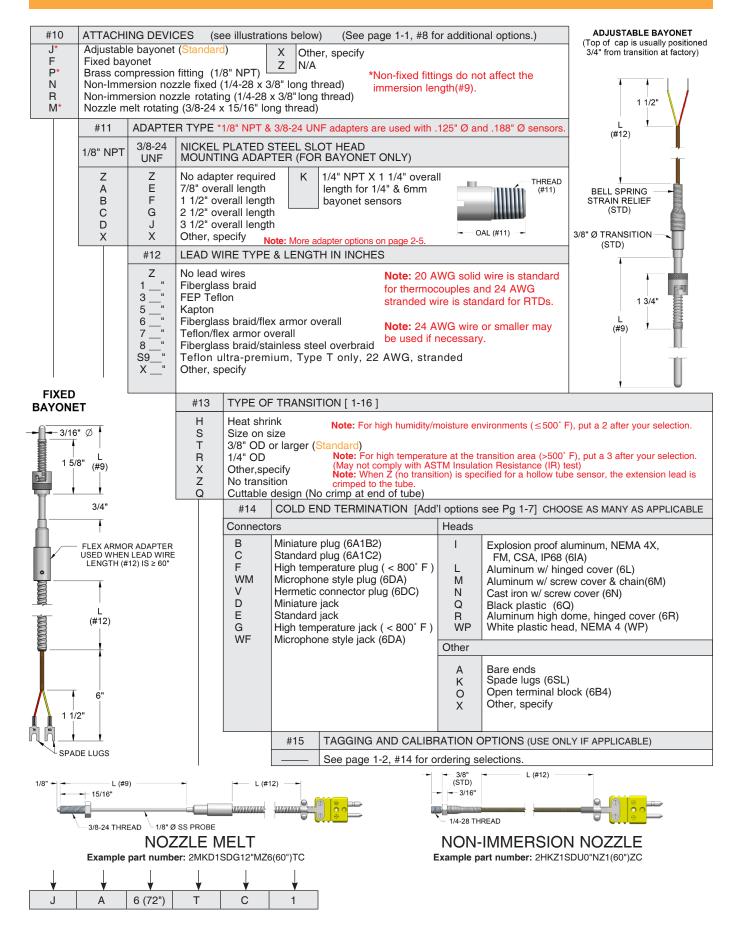
Bayonet style thermocouples are the most common in plastics processing. JMS has adapted this useful and safe design to other industrial sensors to utilize the best features of both.

Our standard design and most commonly used is the Adjustable Bayonet attachment device developed by JMS in 1982. This design incorporates a plated brass cap with a stainless steel spring. The spring fits around the appropriately sized sensor and remains in position until such a time as the user adjusts it. This enables the same sensor to be used for many different applications in the same facility. It also makes for lower inventory levels which your accountant will love.

The other attachment devices we make for your sensors are standard in the industry. For those "Old Dogs" who refuse to try something innovative, we still offer the fixed bayonet design. The length of this sensor cannot be changed and will only go in the hole it was specifically built to fit.



## **PLASTICS SENSORS**



## ADDITIONAL TERMINATIONS

COLD END TERMINATION [SEE SECTION 6] Choose as many as applicable (JMS part number prefixes are shown in parenthesis)					
COLD END TERMINATION [SEE SECTION 6] Choose as many as applicable (JMS part number prefixes are shown in parenthesis)  Connectors					
	<b>`</b>	lg (6A2B) <800°F lg (6A2C) <800°F 3C) lazed (6A5C) <1200°F nglazed (6A7C) <1200°F B) DC)		D DH E G WF WB WD WG WI WK WN VF YF WR WT	Jacks Miniature jack (6A1D) Miniature high temperature jack (6A2D) <800°F Standard jack (6A1E) Standard high temperature jack (6A2E) <800°F Microphone style jack (6DA) Solid pin jack, heavy duty (6A3E) Jab in jack (6A4E) Ultra high temperature jack, glazed (6A5E) <1200°F Ultra high temperature jack, unglazed (6A7E) <1200°F Low noise jack (6A6E) <425°F DIN-IEC microphone style jack (6DB) Molded/water resistant jack (6DC) M12 Female connector (6DY) Miniature locking jack (6AIDL2) Standard jack, locking (6A8E2)
Heads	[6–1] Visit www.JMS-SE.com/headspecs				
I J P U SI GA GS	Explosion Proof Aluminum, NEMA 4X, FM, CSA, IP68 (6IA) 316 stainless steel, NEMA 4X, FM, CSA, IP68 (6ISS) Aluminum, NEMA 4X, FM, CSA, ATEX, IECEx, IP68 (6IAIEC) 316 stainless steel, NEMA 4X, ATEX, IP68 (6ISSATEX) Cast Iron, NEMA 3, 4, UL, CSA (6I) Aluminum, screw cover w/ indicating window, NEMA 4X, ATEX, IECEx, FM, CSA, IP68 (688A1) 316SS, screw cover w/ indicating window, NEMA 4X, ATEX, IECEx, FM, CSA, IP68 (688S1)				
L M R N Q SS WP SB SD SC ST SU	General Purpose Aluminum w/ hinged cover (6L) Aluminum w/ screw cover & chain (6M) Aluminum w/ hinged high dome cover (6R) Cast Iron w/ screw cover (6N) Black plastic (6Q) 316 stainless steel w/ screw cover & chain (6SS) White plastic, screw cover, Sanitary (6WP) Nickel plated, cylinder style, 1/4" NPT (6S250) Nickel plated, cylinder style, 1/8" NPT (6S125) Stainless steel, socket cap style Molded plastic, mini head, 1/4" NPT, < 350F (6T) Molded plastic, mini head, 1/4" NPT, < 800F (6U)  * L is the overall length of the sensor to the base of the head when no attaching device is selected. Page 1-1, selection #7 for T/Cs or 3-1, selection #6 for RTDs.				
Transmitters [ 8-1 to 8-3 ]			Notes: - Add span range after transmitter selection. Example: 8H(0-200C) Transmitter output = 4 - 20 mA. (See section 8 for other options).		
8H 8N 8I 8E 8D 8M	Isolated transmitter Non-isolated transmitter Hart Protocol Intrinsically safe Hart/Intrinsically safe Integral transmitter (see page 3-5) RTDs ONLY    SPA				
A K RL O OA OB OG OP OS CG TB X	Bare ends Spade lugs (6SL) Ring lugs (6RL) Open ceramic terminal block, brass screw terminal (6B) Open Bakelite terminal block, nickel plated screw terminal (6BB) Open ceramic terminal block for sensors with bayonet style connection, brass screw terminal (6B or 6C) Ceramic terminal block, prass screw terminal (6G) Pluggable polymide terminal block, nickel plated screw terminal (6PT) Open ceramic terminal block, nickel plated solder terminal (6C) Cord connector/grip, aluminum 1/2" NPT (6CC) Conduit bushing, 3/4" NPT male X 1/2" NPT female, plated steel (6IRB) Other, specify  * L is the overall length of the sensor to the base of the terminal block mounting plate when open terminal block cold end termination is selected without a fixed attaching device. Page 1-1, selection #7 for T/Cs or 3-1, selection #6 for RTDs.				