



RTD TEMPERATURE TRANSMITTER

316 STAINLESS STEEL CONSTRUCTION IDEAL FOR WASH-DOWN, OUTDOOR, SANITARY, OR MARINE ENVIRONMENTS

TX94A-SS Series

All Models
\$195



Optional†

- ✓ **Splash-proof 316 SS Housing with NEMA 4 (IP67) Rating**
- ✓ **Compact Design Attaches Directly to Pt100 Sensors with M12 Connecting Cable**
- ✓ **2-Wire, 4 to 20 mA Output**
- ✓ **±0.1% FS Accuracy**
- ✓ **Zero and Span Adjustments**
- ✓ **Upscale Break Protection**
- ✓ **Available in Ranges from -40 to 260°C (-40 to 500°F)**

The TX94A-SS temperature transmitters are high performance stainless steel industrial transmitters designed for direct connection to most CIP (clean-in-place) sanitary Pt100 probes that incorporate an M12 style connection. Available in four temperature ranges, the TX94A-SS has a standard 4 to 20 mA output signal.

Accessories

MODEL NO.	PRICE	DESCRIPTION
M12C-PUR-4-S-F-5	\$16.50	M12 connecting cable, 4-pin female, polyurethane jacket, 5 m (16.4') L, stripped lead termination
M12C-PVC-4-S-F-5	15.50	M12 connecting cable, 4-pin female, PVC jacket, 5 m (16.4') L, stripped lead termination
PSR-24S	60.00	Regulated power supply, 24 Vdc, 400 mA, screw terminals
PSR-24L	60.00	Regulated power supply, 24 Vdc, 400 mA, UL, 1.8 m (6') cable with stripped leads
PSR-24L-230	60.00	Regulated power supply, 24 Vdc, 400 mA, 230 Vac, CE, 1.8 m (6') cable with stripped leads
CAL-3†	75.00	NIST traceable calibration with data

Ordering Example: TX94A-SS-M12F-3, temperature transmitter with Pt100 input, -18 to 149°C (0 to 300°F) range, 4 to 20 mA output, M12 female connector for probes (input) and M12 male connector for cable (output), with PSR-24S screw terminal power supply, and M12C-PVC-4-S-F-5, PVC jacketed connecting cable with M12 female connector, \$195 + 60 + 15.50 = \$270.50.

TX94A-SS, transmitter, \$195, shown actual size.



Includes mounting bracket.

SPECIFICATIONS

Supply Voltage: 8 to 35 Vdc; 24 Vdc recommended

Max Loop Resistance: (Vs - 8V)/0.020 A

Output Range: Linearized 4 to 20 mA dc over specified input range

Accuracy: ±0.1% FS (includes effects of linearity, hysteresis and repeatability)

Frequency Response: 3 dB @ 3 Hz
Input: RTD, Pt100 (0.00385 curve), 3 or 4-wire

Zero and Span Adjustment Range: ±25%

Ambient Temperature: -40 to 85°C (-10 to 185°F)

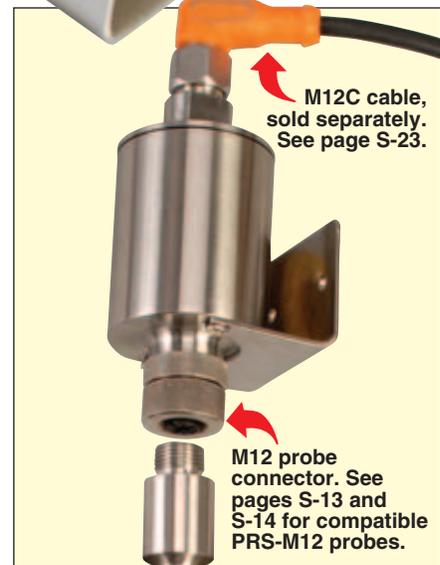
Probe/Sensor Connection: M12 style, 4-pin; male or female; mating connector included

Output Connection: M12 style, 4-pin male

Approvals: CE marked

Housing: 316 SS, polished finish; NEMA 4 (IP67) rated

Dimensions: 51 H x 38 mm Dia (2.0 x 1.50")



M12C cable, sold separately. See page S-23.

M12 probe connector. See pages S-13 and S-14 for compatible PRS-M12 probes.

AVAILABLE FOR FAST DELIVERY!

To Order (Specify Model Number)

MODEL NO.	PRICE	INPUT RANGE	
TX94A-SS-M12(*)-1	\$195	-40 to 49°C	-40 to 120°F
TX94A-SS-M12(*)-2	195	-18 to 93°C	0 to 200°F
TX94A-SS-M12(*)-3	195	-18 to 149°C	0 to 300°F
TX94A-SS-M12(*)-4	195	-18 to 260°C	0 to 500°F

(*) Specify probe/sensor connection; "M" for male, or "F" for female (compatible with OMEGA® sanitary Pt100 probes).

Comes complete with mating connector and operator's manual. See page S-23 for M12C series connecting cables.

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