RheoMelt Pressure Systems

DOCUMENTED CONFIGURATION - SELECTION REFERENCE

RMP-TPT-400-B500-MV2-K

Reference revision R1 / 14 November 2026. Based on reviewed source revision April 2023.

Pressure full scale: 500 bar

Output: 2.0 mV/V bridge

Maximum diaphragm temperature: 400 C

Electronics ambient: -25 to 85 C

Supply / excitation: 6-12 V DC bridge excitation; 10 V recommended

Accuracy statement: +/-1.0% FS in the source ordering example, including linearity, repeatability and hysteresis

Mounting thread: 1/2 in-20 UNF

Arrangement: 6 in rigid stem + 18 in flexible section, source ordering example

Connector: 6-pin connector; exact mating part and model-specific contact map required

Temperature element: K thermocouple

Diaphragm: Coated 15-5PH stainless steel; coating chemistry not identified

Fill medium: Not identified in the reviewed document; confirmation required

A selection reference, not an installation drawing, test report, conformity declaration or stock commitment. Exact supply configuration, fill, wiring, drawing revision, document scope, price and delivery require written confirmation.