

Prilog za transmitter protoka

Rosemount 3051S MultiVariable Transmitter and 305 Manifold

Transmitter

3051SMV 3M13G3R2A11A1BC22B1DOL2M5Q4

Model:

3051SMV Scalable multivariable transmitter

Performance class

3 Ultra for Flow: 0.04% reading DP accuracy, 200:1 rangedown, 15-year stability, 15-year limited warranty

Multivariable type

M Measurement with fully compensated mass and energy(1) flow calculations

Measurement type

1 Differential pressure, static pressure, and temperature

Differential pressure range

3 1000 to 1000 inH₂O (−2.48 to 2.48 bar)

Static pressure type

G Gauge

Static pressure range

3 14.2 to 800 psig (−0.98 to 55.15 bar)

Temperature input

R RTD input (type Pt 100, −328 to 1562 °F [−200 to 850 °C])

Isolating diaphragm

2 316L SST

Process connection

A11 Assemble to Rosemount 305/306 integral manifold

Transmitter output

A 4–20 mA with digital signal based on HART® protocol

Housing style

1B Plantweb housing, Aluminum, M20 x 1.5

RTD cable

C22 RTD input with 12 ft. (3.66 m) of armored shielded cable

Mounting bracker

B1 Traditional flange bracket, CS, 2-in. pipe

Conduit plug

DO 316 SST conduit plug

O-ring

L2 Graphite-filled PTFE O-ring

Digital display

M5 Plantweb LCD display

Calibration certification

Q4 Calibration certificate

Manifold

0305RC52B21B4

Model

0305 Integral manifold

Manufacturer

R Rosemount

Manifold style

C Coplanar

Manifold type

5 Five-valve

Material od construction

2 316 SST/316L SST, 316 SST, 316 SST

Process connection style

B ½–14 NPT female

Packing material

2 Graphite-based

Valve seat

1 Integral

Mounting brackets

B4 SST mounting bracket for 2-in. (50.8 mm) pipe mounting, 300 SST bolts

Thermo sensor: TR10-B RTD with thermowell