

Descriere Tehnică

Radar Level Gauge

5900C Radar Level Gauge

- 2 Performance Class: ± 2 mm (0.08 in.) instrument accuracy
- 0 Safety Certification (SIS): None
- 1 Redundancy: None. Single Radar Level Gauge electronics
- F Tankbus: Power and Communication: Bus powered 2-wire FOUNDATION fieldbus (IEC 61158)
- I1 Hazardous Location Certification: ATEX Intrinsic Safety
- 0 Custody Transfer Type Approval: None
- 1 Level Measurement Method: 10 GHz FMCW radar technology
- A Housing: Aluminum (polyurethane-covered). IP 67
- 1 Cable/Conduit Connections: $\frac{1}{2}$ - 14 NPT female thread
- 1P Antenna: Parabolic antenna
- F Antenna Size: 20 in./DN 500, $\varnothing=440$ mm (17.3 in.)
- S Antenna Material: SST AISI 316L/EN 1.4404 and PPSSST AISI 316L/EN 1.4436SST AISI 316/316L and EN 1.4401/1.4404
- PF Tank Seal: PTFE with FEP fluoropolymer O-ring
- WE Tank Connection: Welded installation
- 0 Antenna Options: None

Tank Hub

2410 Tank Hub

- S Tankbus: Number of Tanks: Single tank
- F Tankbus: Power and Communication: Intrinsically safe FOUNDATION fieldbus (IEC 61158) power supply
- R Primary Field Bus: TRL2 Modbus
- 0 Secondary Field Bus: None
- 0 Safety Certification (SIS): None
- 0 Relay Output: None
- 1 Integral Display: LCD
- P Power Supply: Extended input range: 48-240 VAC at 50/60 Hz, and 24-48 VDC

S	Firmware: Standard
E1	Hazardous Location Certification: ATEX Flameproof
0	Custody Transfer Type Approval: None
A	Housing: Aluminum (polyurethane-covered). IP 67
1	Cable/Conduit Connections: ½-14 NPT and ¾-14 NPT
P	Mechanical Installation: Installation kit for wall and pipe mounting

System Hub**2460 System Hub**

1	Capacity: 1-16 tanks
S	Firmware: Standard
0	Redundancy/Remote Access (Ethernet): None
S	Modbus Mapping: Standard
R	Port 1, Field Communication: TRL/2 Modbus (Field bus)
R	Port 2, Field Communication: TRL/2 Modbus (Field bus)
R	Port 3, Field Communication: TRL/2 Modbus (Field bus)
R	Port 4, Field Communication: TRL/2 Modbus (Field bus)
00	Port 5, Field or Host Communication: None
00	Port 6, Field or Host Communication: None
H4	Port 7, Host Communication: RS485 Modbus to host/DCS
TR	Port 8, Host Communication: TRL2 Modbus to TankMaster
00	OPC Host Communication (Ethernet): None
00	Modbus TCP Host Communication (Ethernet): None
P	Power Supply: 100-250 VAC 50/60 Hz, 24-48 VDC
0	Custody Transfer Type Approval: None
A	Housing: Aluminum (polyurethane-covered). IP 65
G	Cable/Conduit Connections: Metal cable glands (M20 x 1.5 and M25 x 1.5)
0	Extra: None

Rosemount 214C Temperature Sensor**214C Rosemount 214C Temperature Sensor**

RT	Sensor Type: RTD Thin-film, PT100, $\alpha = 0.00385$, -50 to 450 °C
SM	Sensor Sheath Material: 321 SST

B1 Sensor Accuracy: Class B per IEC 60751
S3 Sensor Wire Configuration: Single, 3-Wire
M Dimension Units: Metric Units (mm)
0500 Sensor Insertion Length (L): 500mm
SL Sensor Mounting Style (Fittings and Adapters): Spring Loaded Adapter
E1 Product Certifications: ATEX Flameproof
AR1 Connection Head: Rosemount Aluminum
C1 Conduit Entry: 1/2 inch NPT
B1 Instrument Connection: 1/2 inch NPT
XA Transmitter Assembled To Sensor: Process Ready Assembly of Transmitter and Sensor

Rosemount 114C Thermowell

114C Rosemount 114C Thermowell

M Dimensional Units: Metric Units
0400 Immersion Length: 450mm
F Mounting Style: Flange, Full Penetration Weld
AC Process Connections: 2" Class 150
2 Stem Style: Tapered Stem
SC Thermowell Material: 316/ 316L Dual Rated
060 Head Length: 60mm
A Instrument Connection: 1/2"-14 ANPT
Q8 Material Certification: Material Certification

Rosemount 248 Temperature Transmitter

248 Rosemount 248 Temperature Transmitter

H Transmitter Type: DIN B Head Mount
A Transmitter Output: 4-20 mA with digital signal based on HART protocol
NA Product Certifications: No Approval
N Enclosure Options, Material, IP Rating: No Enclosure
0 Conduit Entry Size: No Enclosure
XA Assemble To Options: Sensor Specified Separately and Assembled to Transmitter
Q4 Calibration Certificate: Calibration Certificate (3-Point Calibration)

1 MODBUS TCP CLIENT**02460-2000-0014: UPGRADE, 1 MODBUS TCP CLIENT**