 ROSEMOUNT 3051C COPLANAR PRESSURE TRANSMITTER
COPLANAR FLANGE PROCESS CONNECTION

OUTPUT CODE A, F, W, M
ALUMINUM/SST HOUSING

CONDUIT CONNECTION
(2 PLACES)

FIELD TERMINALS
(THIS SIDE)

TRANSMITTER ELECTRONICS
(THIS SIDE)

NAMEPLATE

BRACKET MOUNTING HOLES
(3/8-16 UNC)
(2 PLACES)

FLANGE ADAPTER
(OPTIONAL)

CERTIFICATION LABEL

HOUSING ROTATION SET SCREW

COPLANAR FLANGE
PROCESS CONNECTION
PER IEC 61518
2.125 (54) ± .012 IN.
CONNECTION CENTERS

4.29 [109]

4.09 [104]

6.55 [166]

3.35 [85]

2.126 [54]

5.13 [130]

6.28 [169]

7.12 [181]

1.10 [28]

1/4-18 NPT PROCESS CONNECTION OR
1/2-14 NPT WITH OPTIONAL FLANGE
ADAPTERS. ADAPTERS CAN BE ROTATED
TO GIVE CONNECTION CENTERS OF
2.00 (51), 2.125 (54), OR 2.25 (57)

DIGITAL DISPLAY COVER

SHOWN WITH OPTIONAL DIGITAL DISPLAY

FIELD TERMINALS
(THIS SIDE)

DRAIN/VENT VALVE

NAMEPLATE
ROSEMOUNT 3051C COPLANAR PRESSURE TRANSMITTER
COPLANAR FLANGE MOUNTING CONFIGURATIONS

PIPE MOUNTING

PANEL MOUNTING

ROSEMOUNT 3051C COPLANAR PRESSURE TRANSMITTER
COPLANAR FLANGE MOUNTING CONFIGURATIONS

PIECE MOUNTING

2 INCH U-BOLT
FOR PIPE MOUNTING

5/16-18 BOLTS
FOR PANEL MOUNTING
(NOT SUPPLIED)

3/8-16 BOLTS
FOR TRANSMITTER MOUNTING

5/16-18 BOLTS
FOR PANEL MOUNTING
(NOT SUPPLIED)

3/8-16 BOLTS
FOR TRANSMITTER MOUNTING

UNIT NOTES IN INCHES [mm].
ROSEMOUNT 3051C COPLANAR PRESSURE TRANSMITTER
TRADITIONAL FLANGE PROCESS CONNECTION

OUTPUT CODE A, F, W, M
ALUMINUM/SST HOUSING

SHOWN WITH OPTIONAL DIGITAL DISPLAY

CERTIFICATION LABEL
HOUSING ROTATION SET SCREW
TRADITIONAL FLANGE PROCESS CONNECTION PER IEC 61518 2.125 (54) 0.012IN CONNECTION CENTERS
DRAIN/VENT VALVE
FLANGE ADAPTERS (OPTIONAL)

4.09 [104]
4.29 [109]
5.13 [130]
2.13 [54]
1.16 [29]
1.10 [28]
3.40 [86]
1.03 [26]
6.65 [169]
7.85 [199]
2.13

CONDUIT CONNECTION (2 PLACES)
TRANSMITTER ELECTRONICS (THIS SIDE)
NAMEPLATE
1/4-18 NPT PROCESS CONNECTION OR 1/2-14 WITH OPTIONAL FLANGE ADAPTERS. ADAPTERS CAN BE ROTATED TO GIVE CONNECTION CENTERS OF 2.00 (51), 2.125 (54), ON 2.25 (57)

DIGITAL DISPLAY COVER

FIELD TERMINALS (THIS SIDE)

EMERSON

FIELD TERMINALS

TRANSMITTER ELECTRONICS

NAMEPLATE

DIGITAL DISPLAY COVER

1/4-18 NPT PROCESS CONNECTION OR 1/2-14 WITH OPTIONAL FLANGE ADAPTERS. ADAPTERS CAN BE ROTATED TO GIVE CONNECTION CENTERS OF 2.00 (51), 2.125 (54), ON 2.25 (57)
ROSEMOUNT 3051C COPLANAR PRESSURE TRANSMITTER
TRADITIONAL FLANGE MOUNTING CONFIGURATIONS

PIECE MOUNTING

2 INCH U-BOLT FOR PIPE MOUNTING

2 INCH U-BOLT FOR TRANSMITTER MOUNTING

7/16-20 x 5/8 BOLTS FOR TRANSMITTER MOUNTING

7/16-20 x 5/8 BOLTS FOR PIPE MOUNTING
ROSEMOUNT 3051C COPLANAR PRESSURE TRANSMITTER
TRADITIONAL FLANGE MOUNTING CONFIGURATIONS

PANEL MOUNTING

7/16-20 x 5/8 BOLTS
FOR TRANSMITTER MOUNTING

5/16-18 BOLTS
FOR PANEL MOUNTING
(Not supplied)
ROSEMOUNT 3051C WIRELESS COPLANAR PRESSURE TRANSMITTER
COPLANAR FLANGE PROCESS CONNECTION

FIELD TERMINALS (THIS SIDE)

POWER MODULE

COPLANAR FLANGE
PROCESS CONNECTION
PER IEC 61518
2.125 (54)
CONNECTION CENTERS

BRACKET MOUNTING HOLES
(3/8-16 UNC)
(2 PLACES)

DRAIN/VENT
VALVE

1/4-18 NPT PROCESS CONNECTION OR
1/2-14 NPT WITH OPTIONAL FLANGE
ADAPTERS. ADAPTERS CAN BE ROTATED
TO GIVE CONNECTIONS OF
2.00 (51), 2.125 (54), OR 2.25 (57)

FLANGE ADAPTER (OPTIONAL)

TRANSMITTER ELECTRONICS
(THIS SIDE)

OUTPUT CODE X
POLYMER HOUSING

SHOWN WITH OPTIONAL DIGITAL DISPLAY

DIGITAL DISPLAY COVER

7/23/14 JLA

ROSEMOUNT 3051C WIRELESS COPLANAR PRESSURE TRANSMITTER
COPLANAR FLANGE PROCESS CONNECTION

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THESE DRAWINGS ARE IN
ACCORDANCE WITH
ROSEMOUNT ENGINEERING
SPECIFICATIONS.

UNIT NOTES IN INCHES [mm].
ROSEMOUNT 3051C WIRELESS COPLANAR PRESSURE TRANSMITTER
COPLANAR FLANGE MOUNTING CONFIGURATIONS

PIPE MOUNTING

PANEL MOUNTING

2 INCH U-BOLT
FOR PIPE MOUNTING

3/4-16 BOLTS
FOR TRANSMITTER MOUNTING

3/8-16 BOLTS
FOR TRANSMITTER MOUNTING

5-16-18 BOLTS
FOR PANEL MOUNTING
(NOT SUPPLIED)

2 INCH U-BOLT
FOR PIPE MOUNTING

6.25
[159]

3.50
[89]

4.73
[120]

6.066
[153.5]

2.810
[71.4]

4.73
[120]

3051C COPLANAR
NTSD

ROSEMOUNT 3051C COPLANAR
WIRELESS PRESSURE TRANSMITTER
COPLANAR FLANGE MOUNTING CONFIGURATIONS

FOR PANEL MOUNTING
(NOT SUPPLIED)

FOR TRANSMITTER MOUNTING

FOR PIPE MOUNTING

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UNIT NOTES IN INCHES [mm].
ROSEMOUNT 3051C WIRELESS COPLANAR PRESSURE TRANSMITTER
TRADITIONAL FLANGE MOUNTING CONFIGURATIONS

TRANSMITTER ELECTRONICS (THIS SIDE)

FLANGE ADAPTERS (OPTIONAL)

FIELD TERMINALS (THIS SIDE)

POWER MODULE

OUTPUT CODE X

POLYMER HOUSING

SHOWN WITH OPTIONAL DIGITAL DISPLAY

DIGITAL DISPLAY COVER

FLANGE ADAPTERS (OPTIONAL)

FIELD TERMINALS (THIS SIDE)

TRANSMITTER ELECTRONICS (THIS SIDE)

DRAIN/VENT VALVE

TRADITIONAL FLANGE PROCESS CONNECTION PER IEC 61518
2.125 (54) ± 0.12 CONNECTION CENTER

1/4-18 NPT PROCESS CONNECTION OR 1/2 -14 WITH OPTIONAL FLANGE ADAPTERS. ADAPTERS CAN BE ROTATED TO GIVE CONNECTION CENTERS OF 2.00 (51), 2.125 (54), OR 2.25 (57)

POLYMER HOUSING

TRANSMITTER ELECTRONICS (THIS SIDE)

DIGITAL DISPLAY COVER

1/4-18 NPT PROCESS CONNECTION OR 1/2 -14 WITH OPTIONAL FLANGE ADAPTERS. ADAPTERS CAN BE ROTATED TO GIVE CONNECTION CENTERS OF 2.00 (51), 2.125 (54), OR 2.25 (57)

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UNIT NOTES IN INCHES [mm].

CLICK HERE
ROSEMOUNT 3051C WIRELESS COPLANAR PRESSURE TRANSmitter
TRADITIONAL FLANGE MOUNTING CONFIGURATIONS

PIPE MOUNTING

7/16-20 x 5/8 BOLTS FOR TRANSmitter MOUNTing

2 INCH U-BOLT FOR PIPE MOUNTING

7/16-20 x 5/8 BOLTS FOR TRANSmitter MOUNTing

2 INCH U-BOLT FOR PIPE MOUNTING

SCALE 1/2
ROSEMOUNT 3051C WIRELESS COPLANAR PRESSURE TRANSMITTER
TRADITIONAL FLANGE MOUNTING CONFIGURATIONS

2.62 [67] 6.94 [176]

5-16-18 BOLTS FOR PANEL MOUNTING (NOT SUPPLIED)

7/16-20 x 5/8 BOLTS FOR TRANSMITTER MOUNTING

SCALE: 1/2