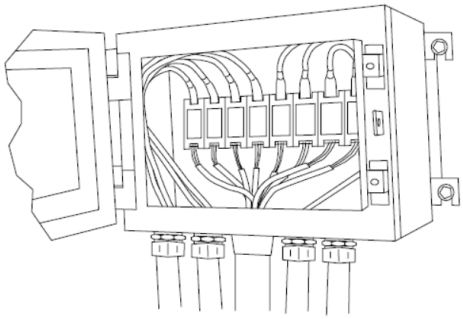
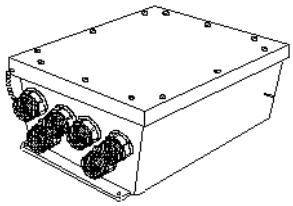
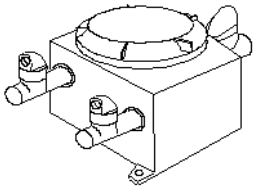
Proximitor Sensor and Interface Module Housings

Datasheet

Bently Nevada Machinery Condition Monitoring







Description

Although Proximitor Sensors and interface modules are rugged by design, they are often installed in harsh environments that require an appropriate housing to protect the electrical equipment from damage. In addition, many installations are in hazardous areas, which require a suitable housing for electrical equipment such as the 3300 XL Proximitor. We offer a variety of housings that protect our products from environmental damage. When the application requires a corrosion resistant fiberglass housing for an offshore installation, we can supply it, complete with the appropriate conduit fittings and custom mounting plates. The following section provides a brief description of each housing product line, followed by the ordering information.

3300 XL Multi-Purpose Housings

The certified Stainless Steel Water-Resistant Housings meet stringent IP66 and Type 4X environmental ratings for protecting enclosed electronic equipment in harsh conditions. The 304/304L stainless steel construction resists moisture, corrosion, and impacts in virtually all installations and may be hosed down for cleaning when necessary. For customers that require a lockable housing, we offer the Weather-Resistant Lockable housing.

Water- and Corrosion-Resistant Housings

The water- and corrosion-resistant fiberglass housings protect Bently Nevada products from corrosive and wet environments. When properly installed, the fiberglass housings are suitable for outdoor environments because of their resistance to water, dust and corrosion. Fiberglass housings may not be suitable for areas where Radio Frequency Interference (RFI) is present.

CE

Ordering Information

For the detailed listing of country and product specific approvals, refer to the **Approvals Quick Reference Guide**, Document 108M1756, at **Bently.com.**

3300 XL Multi-Purpose Housing

These Stainless Steel Water-Resistant Housings are rated for IP66 and Type 4X environmental conditions.

• The **175751** housing can accommodate up to 8 Proximitor sensors in the DIN-mount configuration or 6 panel mount Proximitor sensors. See "175751 3300 XL Multi-Purpose Housing Dimensions (12" x 12" x 6")" on page 5

• The **176467** housing can accommodate up to four Proximitor Sensors in the DIN-mount configuration or four panel-mount Proximitor Sensors. See "176467 3300 XL Multi-Purpose Housing Dimensions (12" x 8" x 6")" on page 8

• Each housing has three removable gland plates to simplify the installation of conduit fittings and cable gland seals.

Housing Material	304 stainless steel
Gasket Material	Polyurethane
Housing Rating	
North America	Certified to Type 3S, 4, and 4X ratings per UL File E115376
Europe	Certified to IP66 waterproof and dust-proof per IP 66 along with the 7 joule high impact mechanical risk test required by IEC standard IEC/EN 60079-15.

3300 XL Multi-Purpose Housing 12"x12"x6"

175751-AA-BB-CC-DD

A: Transducer Type Option	
00	No mounting hardware
01	35mm DIN-rail mount
02	2.00"x2.00" panel mount
	Proximitor Sensors, Interface Modules, and Velocity-to-Displacement Converters are not included and must be ordered separately
	Exercise care when specifying system length to avoid having excess coils of cable inside the housing. This excess cable in the housing may cause chafing and premature failure of the cables.

B: Conduit Fitting Option	
	See "Conduit Fitting Applications for 175751, 176467, and 330181 " on page 11
00	Without fittings
01	One brass M32 cable gland seal outlet, six brass M25 cable gland seal inlets
02	One brass M32 cable gland seal outlet, eight brass M25 cable gland seal inlets
03	One aluminum 1¼ -11½ NPT conduit outlet, six aluminum ¾-14 NPT conduit inlets, six aluminum ¾ -14 to ½ -14 NPT reducers
04	One aluminum 1¼-11½ NPT conduit outlet, eight aluminum ¾-14 NPT conduit inlets, eight aluminum ¾ -14 to ½ -14 NPT reducers.
05	One 316 stainless steel 1¼ - 11½ NPT conduit outlet, six 316 stainless steel ¾ -14 NPT conduit inlets, six 303 stainless steel ¾ - 14 to ½ -14 NPT reducers.
06	One 316 stainless steel 1¼ - 11½ NPT conduit outlet, eight 316 stainless steel ¾ - 14 NPT conduit inlets, eight 303 stainless steel ¾ -14 to ½ -14 NPT reducers.
07	One chrome-plated zinc 1¼ - 11½ NPT conduit outlet, six chrome-plated zinc ¾ -14 NPT conduit inlets, six 303 stainless steel ¾ - 14 to ½ -14 NPT reducers.
08	One chrome-plated zinc 1¼ - 11½ NPT conduit outlet, eight chrome-plated zinc ¾ - 14 NPT conduit inlets, eight 303 stainless steel ¾ -14 NPT to ½ -14 NPT reducers.

C: Terminal Mounting Block Option	
00	No terminal blocks

01	4 DIN rail terminal blocks
02	8 DIN rail terminal blocks
03	12 DIN rail terminal blocks
04	16 DIN rail terminal blocks
05	20 DIN rail terminal blocks
06	24 DIN rail terminal blocks
07	28 DIN rail terminal blocks
08	32 DIN rail terminal blocks
21	1 terminal block
22	2 terminal blocks
23	3 terminal blocks
24	4 terminal blocks
25	5 terminal blocks
26	6 terminal blocks

Each DIN rail terminal block accepts only one wire. The standard terminal blocks each accept four wires. Thus, four DIN rail terminal blocks equal one standard terminal block.

D: Labeling Option	
00	Part number only (No Approvals)

3300 XL Multi-Purpose Housing 12”x8”x6”

176467 - AA-BB-CC-DD

A: Transducer Type Option	
00	No mounting hardware
01	35mm DIN-rail mount
02	2.00”x2.00” panel mount
	Proximitor Sensors, Interface Modules, and Velocity-to-Displacement Converters are not included and must be ordered separately
	Exercise care when specifying system length to avoid having excess coils of cable inside the housing. This excess cable in the housing may cause chafing and premature failure of the cables.

B: Conduit Fitting Option	
See "Conduit Fitting Applications for 175751, 176467, and 330181 " on page 11	
00	Without fittings
09	Four aluminum ¾-14 NPT to ½-14 NPT, Five aluminum ¾ 14 NPT, one aluminum 1¼ 11½ NPT.
10	One brass M32 cable gland outlet, four brass M25 cable gland inlets.
11	One 316 stainless steel 1¼ 11½ NPT conduit outlet, four 316 stainless steel ¾ 14 NPT conduit inlets, four 303 stainless steel ¾ 14 to ½ 14 NPT reducers
12	12 One chrome-plated zinc 1¼ 11½ NPT conduit outlet, four chrome-plated zinc ¾ 14 NPT conduit inlets, four 303 stainless steel ¾ 14 to ½ 14.
C: Terminal Mounting Block Option	
00	No terminal blocks
01	4 DIN rail terminal blocks
02	8 DIN rail terminal blocks
03	12 DIN rail terminal blocks
04	16 DIN rail terminal blocks
21	1 terminal block
22	2 terminal blocks
23	3 terminal blocks
24	4 terminal blocks
D: Labeling Option	
00	Part number only (No Approvals)

Each DIN rail terminal block accepts only one wire. The standard terminal blocks each accept four wires. Thus, four DIN rail terminal blocks equal one standard terminal block.

Accessories

Part Number	Description
137936-01	Brass cable gland seal, M32
137937-01	Brass cable gland seal, M25
03818111	Nickel-plated brass conduit fitting, PG21 x M20
03839130	Aluminum conduit fitting, ¾ -14 NPT
03839132	Aluminum conduit fitting, 1¼ -11½ NPT
03850021	Aluminum reducer, ¾ -14 to ½ -14 NPT
03813103	Chrome-plated zinc conduit fitting, ¾ -14 NPT
03813105	Chrome-plated zinc conduit fitting, 1-11½ NPT
03813106	Chrome-plated zinc conduit fitting, 1¼ -11½ NPT
03818099	AISI 316 stainless steel conduit fitting, 1¼ -11½ NPT
03818100	AISI 316 stainless steel conduit fitting, ¾ -14NPT
26650-01	AISI 303 stainless steel reducer, ¾ -14 to ½ -14 NPT
26650-03	AISI 303 stainless steel reducer, 1¼ -11½ to 1-11½ NPT
03818102	AISI 316 stainless steel conduit fitting, PG21 x M20
03818103	AISI 316 stainless steel conduit fitting, PG21 x PG11
03818104	AISI 303 stainless steel conduit seal, PG11
03818105	AISI 316 stainless steel conduit seal, M20
103537-01	Terminal Mounting Block This 4-wire terminal mounting block includes screws and is easily installed. Terminal mounting blocks are used to connect transducer cables to field wiring that is routed back to the monitoring system.
01691029	DIN-rail Terminal Strip
01691028	DIN-rail Terminal Strip Cover The DIN-rail terminal strip with cover is a single wire terminal strip that snaps onto a 35 mm DIN rail.
04490104	Conduit Seal Punch Tool A punch tool set is used when installing conduit seals. The conduit seals come with a rubber insert, with markings for where to "punch" holes. Use the punch tool set to punch the number of holes you need for the cables going through each conduit seal.

Graphs and Figures

3300 XL Multi-Purpose Housing

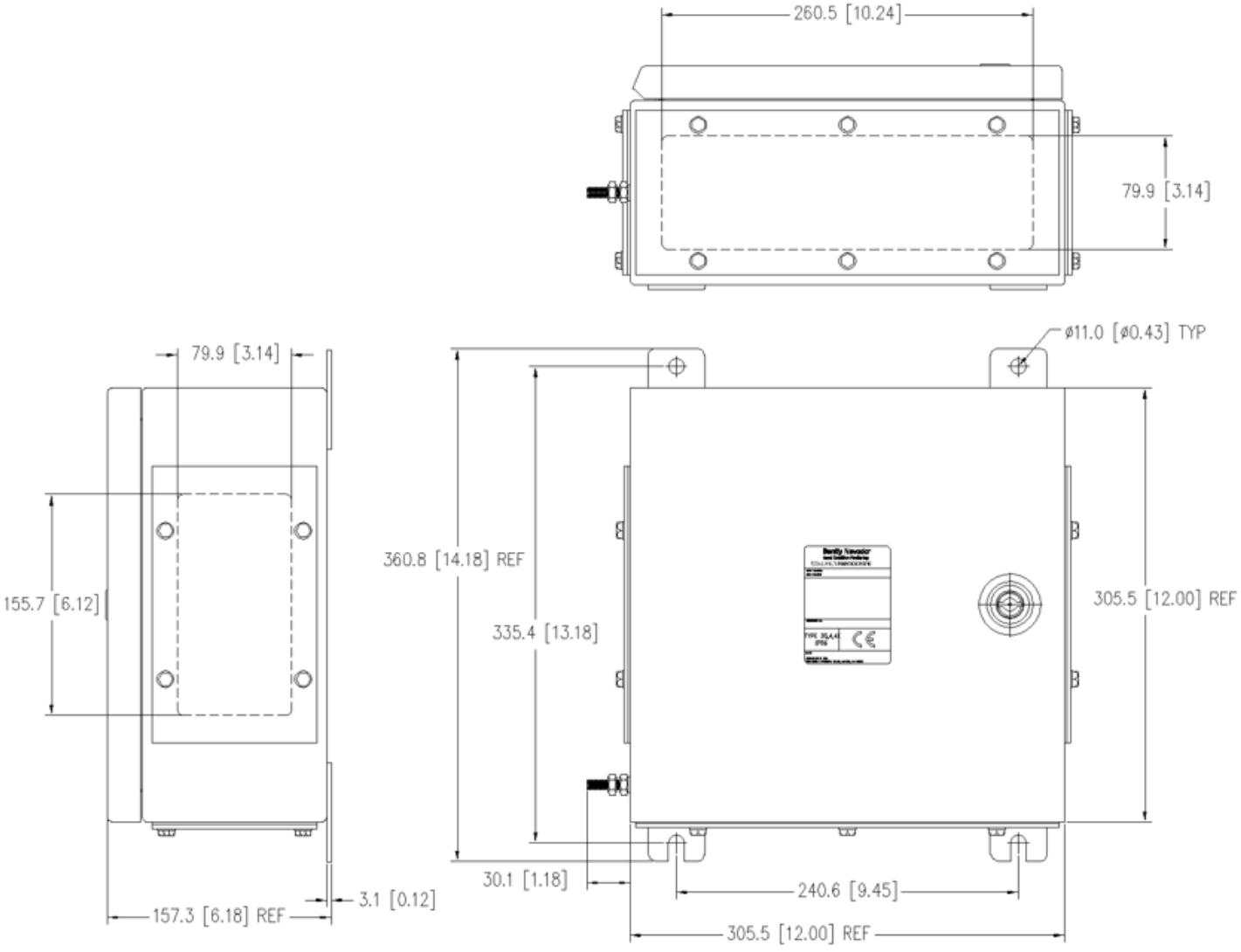


Figure 1: 175751 3300 XL Multi-Purpose Housing Dimensions (12" x 12" x 6")

Dimensions are in millimeters (inches).

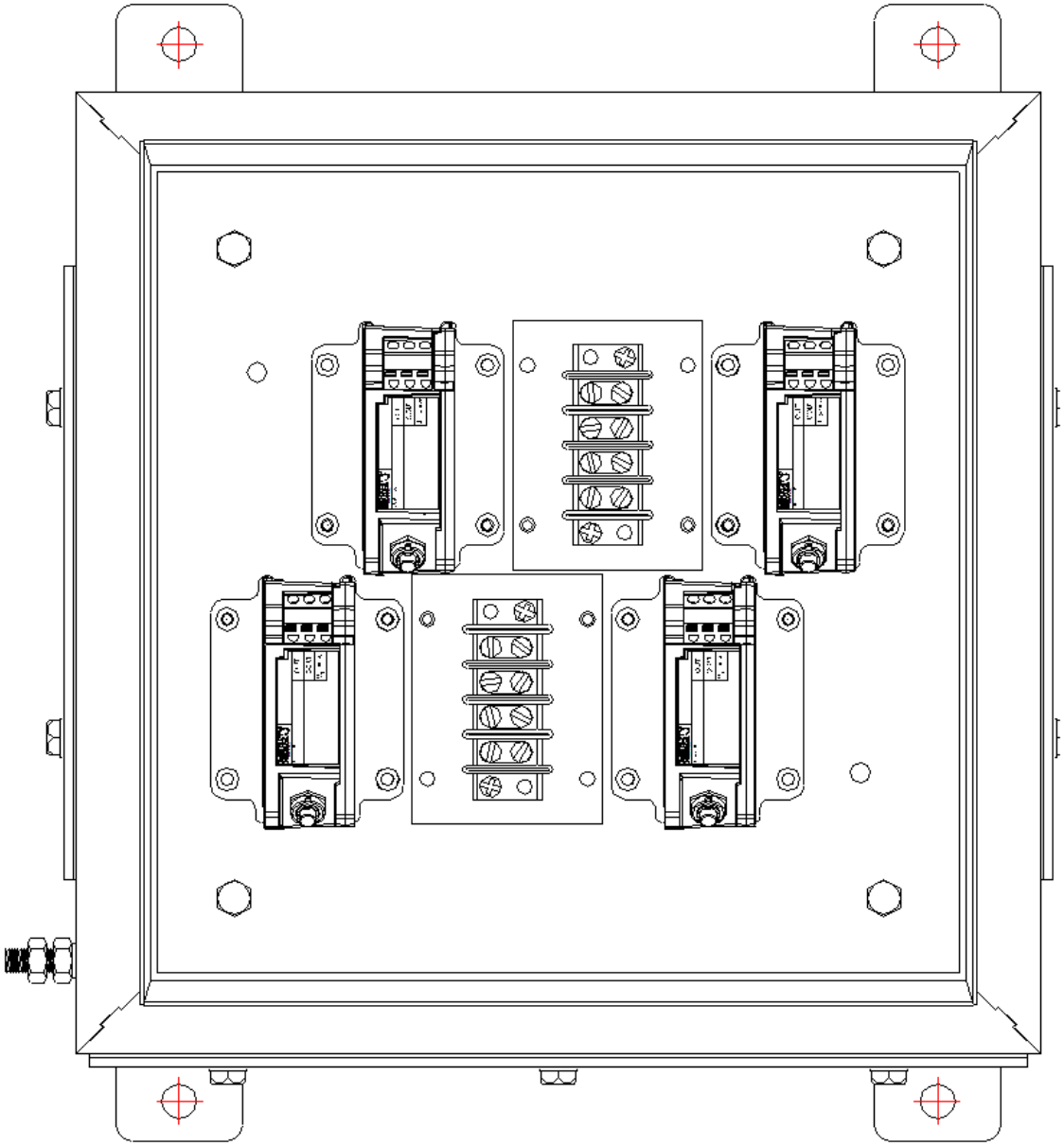


Figure 2: 175751 Panel Mount Orientation

Panel mount Proximitors and Terminal blocks share the same mounting hole pattern; therefore, any combination of 6 Proximitors and/or Terminal Blocks will work with this housing when panel mounting hardware is ordered (-AA option = -02).

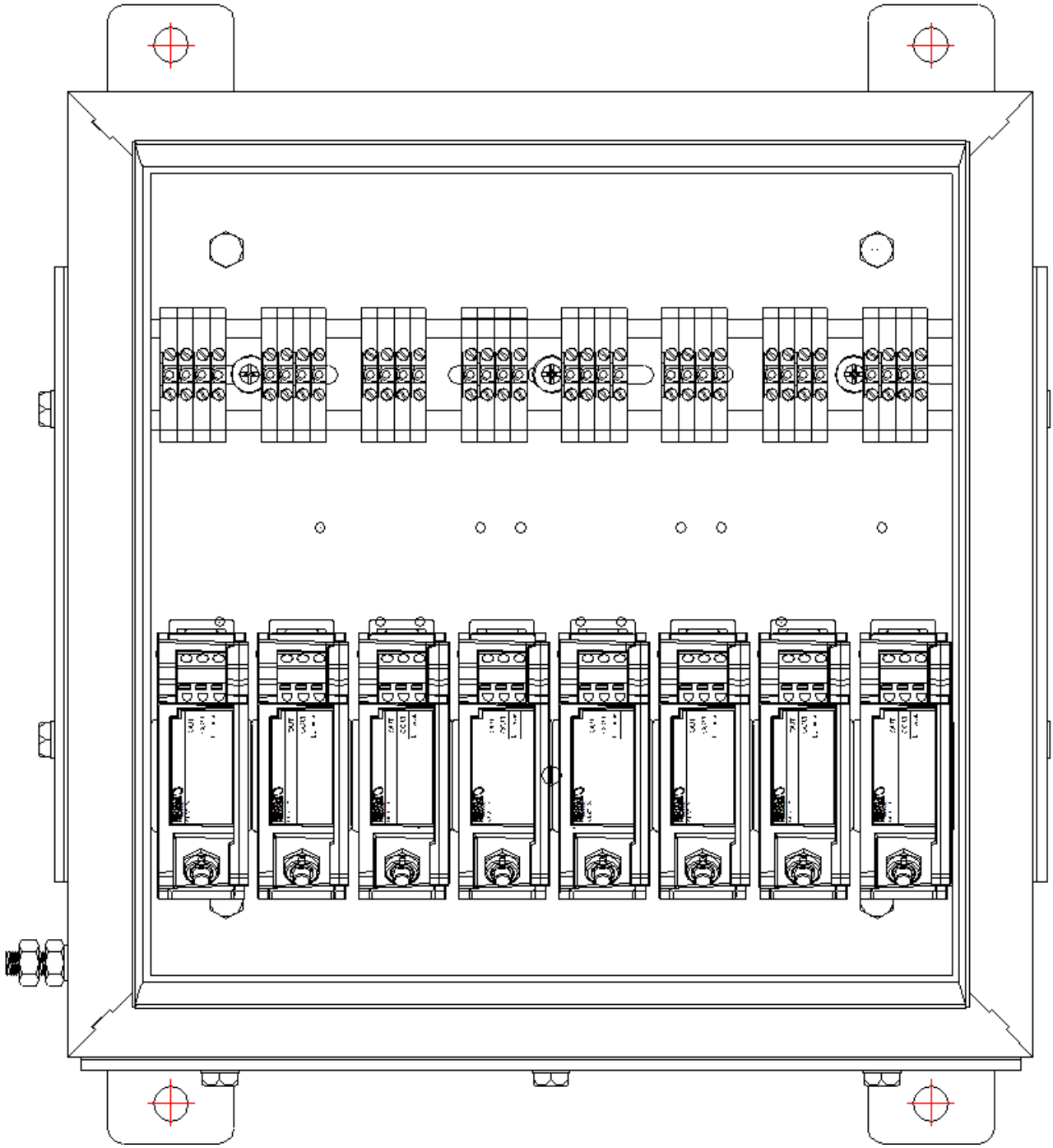


Figure 3: 175751 Sample DIN Mount Orientation

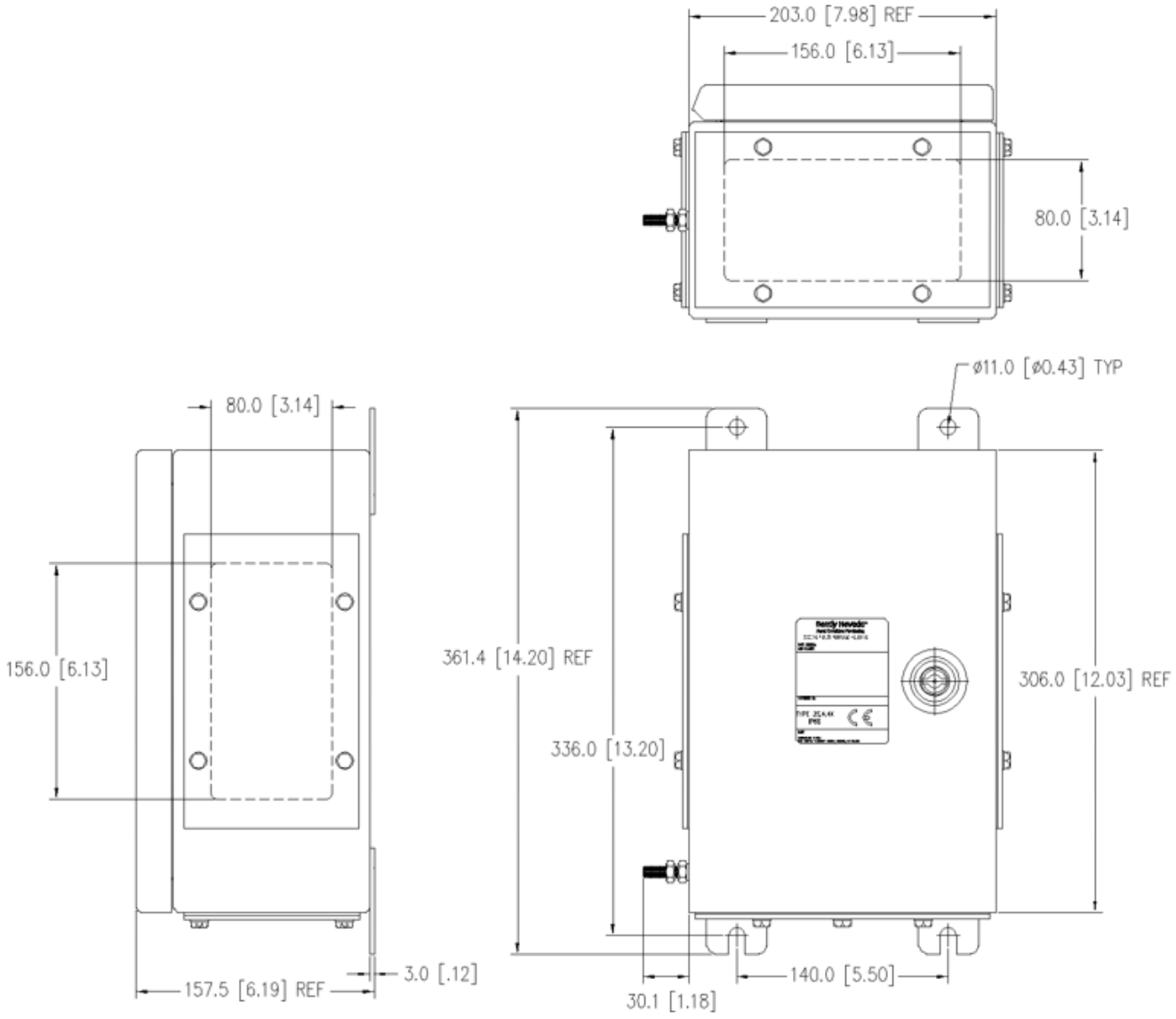


Figure 4: 176467 3300 XL Multi-Purpose Housing Dimensions (12” x 8” x 6”)

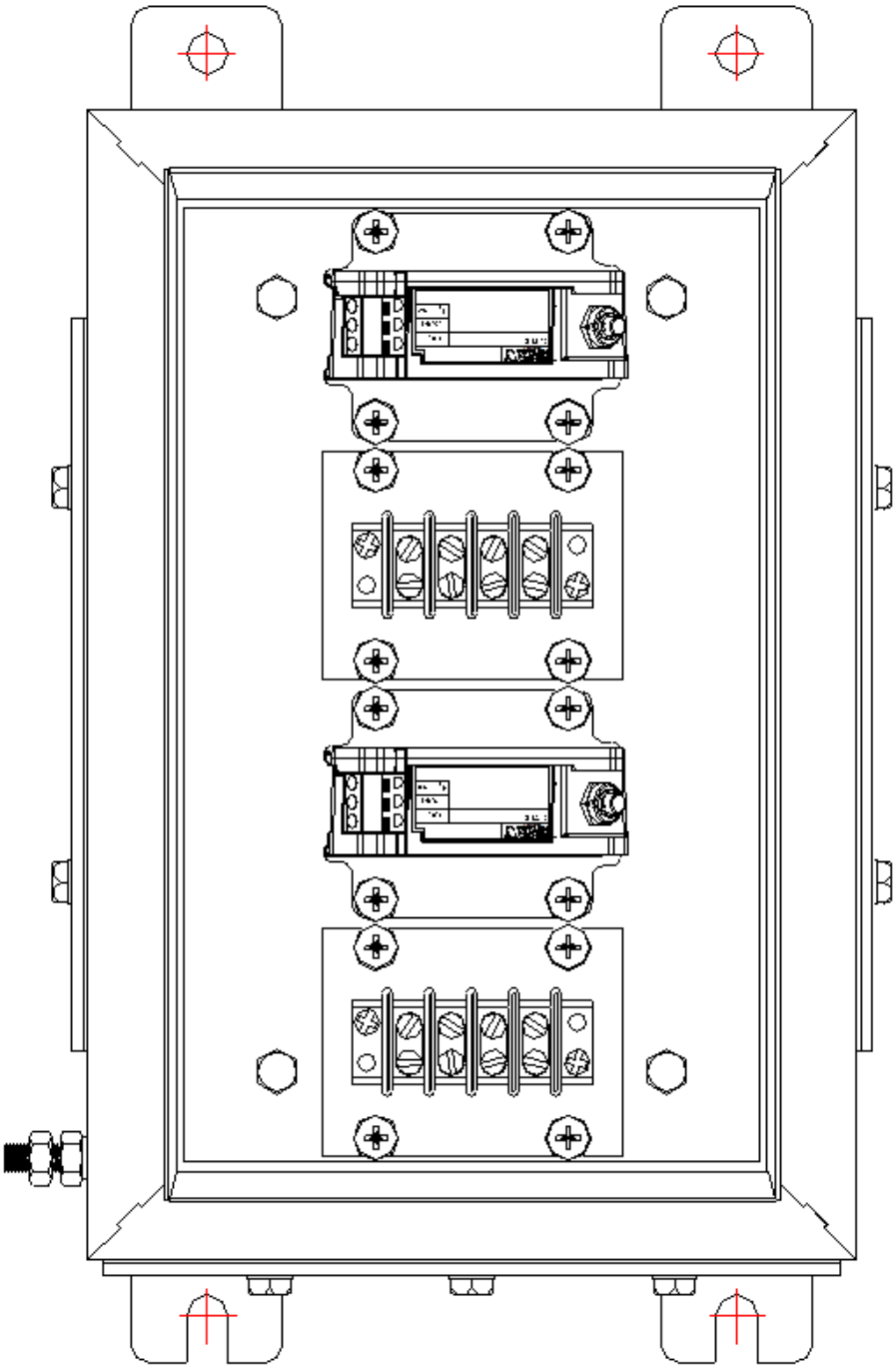


Figure 5: 176467 Panel Mount Orientation

Panel mount Proximitors and Terminal blocks share the same mounting hole pattern; therefore, any combination of 4 Proximitors and/or Terminal Blocks will work with this housing when panel mounting hardware is ordered (-AA option = -02).

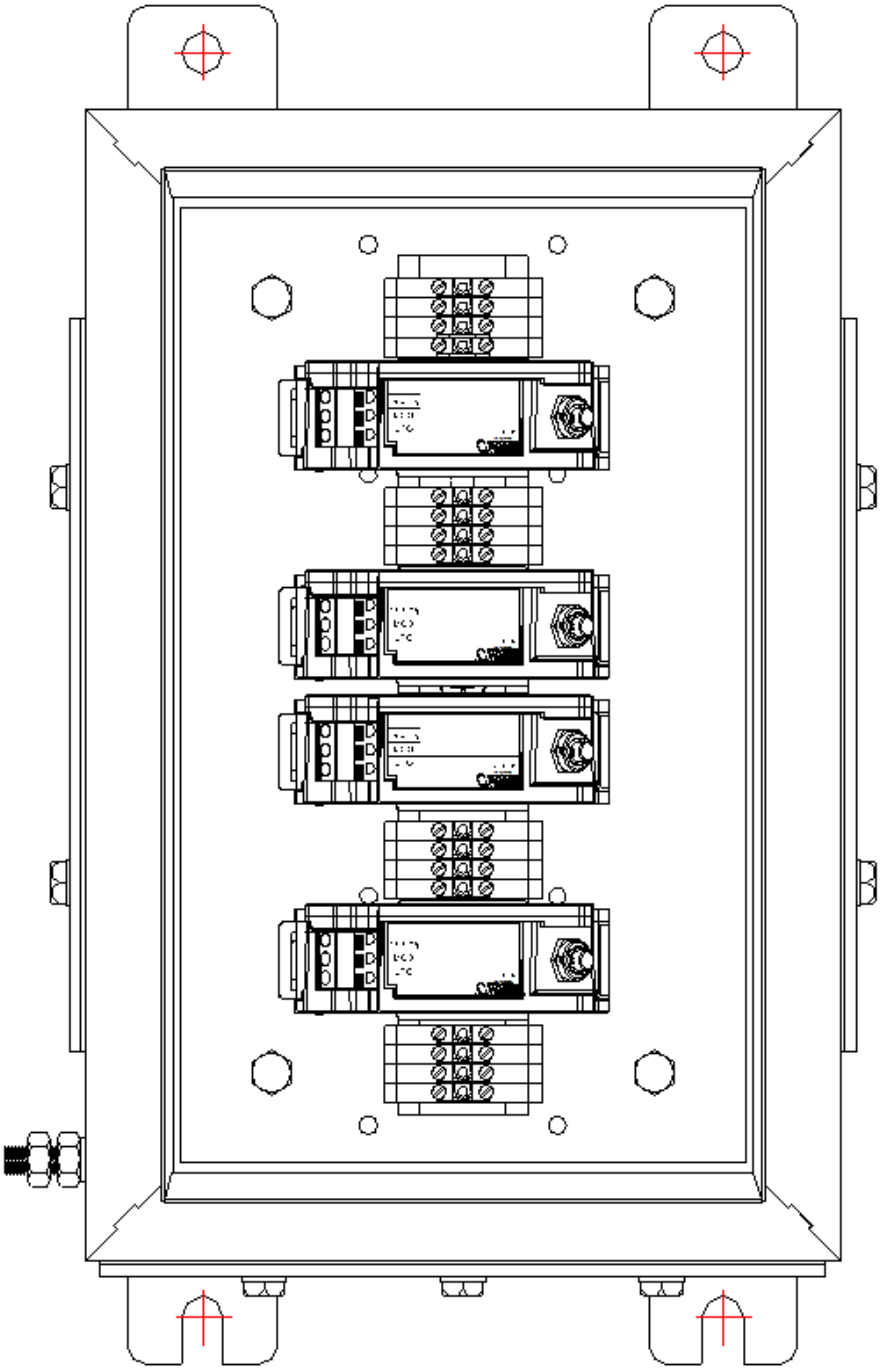


Figure 6: 176467 Sample DIN Mount Orientation

Table 1: Conduit Fitting Applications for 175751, 176467, and 330181

	Aluminum conduit fittings	Brass conduit seals	316 stainless steel conduit fittings	Chrome-plated zinc conduit fittings
Includes a ¾-NPT to ½-NPT reducer	Yes	No	Yes	Yes
Use in IP54 areas	Yes	Yes	Yes	Yes
Use in IP55 to IP66 areas	No	Yes	No	No
Use in CENELEC intrinsically safe hazardous areas	No	Yes	No	No
Type 4 rating	Yes	No	Yes	Yes
Type 4X rating	No	No	Yes	Yes
Use in North America hazardous areas	No	No	Yes	Yes
Use in ammonia environments	No	No	Yes	No

Ordering Information

For the detailed listing of country and product specific approvals, refer to the **Approvals Quick Reference Guide**, Document 108M1756, at **Bently.com.**

Weather-Resistant Lockable Housing

The Weather Resistant Lockable Housing is rated for IP54 environmental conditions

• The housing can accommodate up to 8 3300 XL Proximitor sensors in the DIN-mount configuration or 6 panel mount Proximitor sensors.

• Each housing has three removable gland plates to simplify the installation of conduit fittings and cable gland seals.

See "Weather-Resistant Lockable Housing Dimensions " on page 14

Housing Material	304 stainless steel
Gland Plate Gasket Material	Neoprene rubber
Cover Gasket Material	PORON urethane
Housing Rating	
Europe	Certified to the IP54 waterproof along with the 7-joule high impact mechanical risk test required by IEC standard IEC/EN 60079-15
Total System Mass	6.4 kg (14.0 lbm) with standard gland plates but without conduit fittings installed 8.0 kg (17.6 lbm) with standard gland plates and conduit fittings installed

330181 - AA-BB-CC-DD-EE

A: Transducer Type Option	
00	No mounting hardware
01	3300 XL Proximitor Sensors (DIN mount), DIN-rail terminal blocks
03	3300 XL Proximitor Sensors (panel mount)
04	3300 Proximitor Sensors
05	3000 or 7200 Proximitor Sensors, VDCs, and Interface Modules
	Proximitor Sensors, Interface Modules, and Velocity-to-Displacement Converters are not included and must be ordered separately
	Exercise care when specifying system length to avoid having excess coils of cable inside the housing. This excess cable in the housing may cause chafing and premature failure of the cables.

B: Conduit Fitting Option	
	See "Conduit Fitting Applications for 175751, 176467, and 330181 " on page 11
00	Without fittings
01	One brass M32 cable gland seal outlet, six brass M25 cable gland seal inlets
02	One brass M32 cable gland seal outlet, eight brass M25 cable gland seal inlets
03	One aluminum 1¼ -11½ NPT conduit outlet, six aluminum ¾-14 NPT conduit inlets, six aluminum ¾ -14 to ½ -14 NPT reducers
04	One aluminum 1¼-11½ NPT conduit outlet, eight aluminum ¾-14 NPT conduit inlets, eight aluminum ¾ -14 to ½ -14 NPT reducers.
05	One 316 stainless steel 1¼ - 11½ NPT conduit outlet, six 316 stainless steel ¾ -14 NPT conduit inlets, six 303 stainless steel ¾ - 14 to ½ -14 NPT reducers.
06	One 316 stainless steel 1¼ - 11½ NPT conduit outlet, eight 316 stainless steel ¾ - 14 NPT conduit inlets, eight 303 stainless steel ¾ -14 to ½ -14 NPT reducers.
07	One chrome-plated zinc 1¼ - 11½ NPT conduit outlet, six chrome-plated zinc ¾ -14 NPT conduit inlets, six 303 stainless steel ¾ - 14 to ½ -14 NPT reducers.
08	One chrome-plated zinc 1¼ - 11½ NPT conduit outlet, eight chrome-plated zinc ¾ - 14 NPT conduit inlets, eight 303 stainless

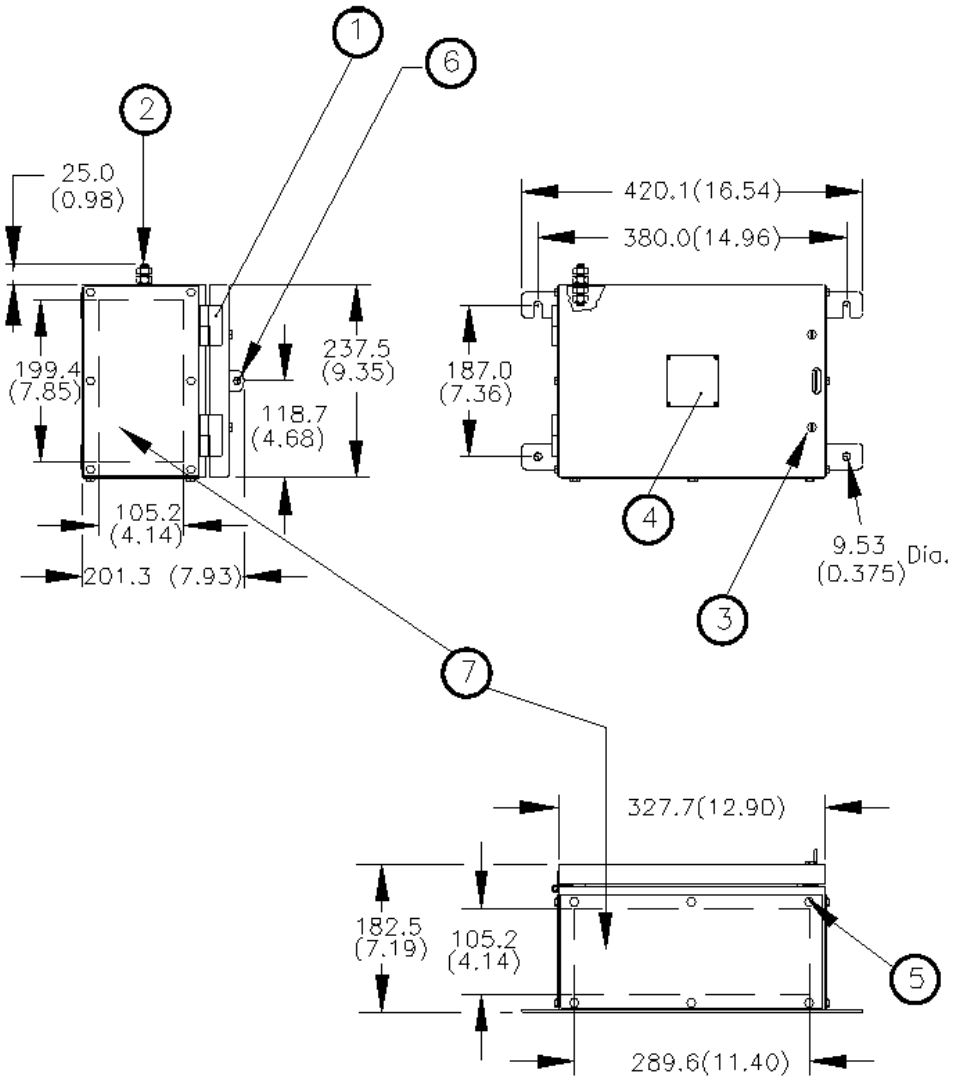
	steel ¾ -14 NPT to ½ -14 NPT reducers.
C: Gland Plate Thickness	
01	Standard 2.34 mm (0.092 in)
02	3.05 mm (0.120 in)
03	4.78 mm (0.188 in)
04	6.35 mm (0.250 in)
D: Terminal Mounting Block Option	
00	No terminal blocks
01	4 DIN rail terminal blocks
02	8 DIN rail terminal blocks
03	12 DIN rail terminal blocks
04	16 DIN rail terminal blocks
05	20 DIN rail terminal blocks
06	24 DIN rail terminal blocks
07	28 DIN rail terminal blocks
08	32 DIN rail terminal blocks
21	1 terminal block
22	2 terminal blocks
23	3 terminal blocks
24	4 terminal blocks
25	5 terminal blocks
26	6 terminal blocks

Each DIN rail terminal block accepts only one wire. The standard terminal blocks each accept four wires. Thus, four DIN rail terminal blocks equal one standard terminal block.

E: Labeling Option	
00	Safe area (No Approvals)

Graphs and Figures

Weather Resistant Lockable Housing



1. Stainless steel slip hinge. Allows cover to be removed from housing
2. M10 x 1.5 – 6 g ground stud, stainless steel
3. M6 slotted hex head captive fastener, stainless steel
4. Approval/ identification label
5. M6 x 16 mm hex head bolt, stainless steel
6. ϕ 8.33 [0.328] padlock hasp
7. Removable gland plate, 3 places

Figure 1: Weather-Resistant Lockable Housing Dimensions

Dimensions are in millimeters (inches).

Ordering Information

For the detailed listing of country and product specific approvals, refer to the **Approvals Quick Reference Guide**, Document 108M1756, at **Bently.com.**

Explosion Proof Housing

2-Unit Explosion-Proof Housing

CA72341 - AA-BB

See "CA72341 2-Unit Explosion-Proof Housing Dimensions " on page 17

A: Transducer Type Option	
00	No mounting hardware
02	3000 or 7200 Proximitor Sensors, VDCs, and Interface Modules
03	3300 Proximitor Sensors
10	3300 XL Proximitor Sensors, panel mount
	Proximitor Sensors, Interface Modules, and Velocity-to-Displacement Converters are not included and must be ordered separately
	Exercise care when specifying system length to avoid having excess coils of cable inside the housing. This excess cable in the housing may cause chafing and premature failure of the cables.

B: Conduit Fitting Option	
01	No fittings supplied
02	One 1¼ -11½ in NPT outlet fitting, one ¾-14 NPT inlet fitting
03	One 1¼ -11½ NPT outlet fitting, two ¾-14 NPT inlet fittings
04	One ¾-14 NPT outlet fitting, one ½-14 NPT inlet fitting
05	One ¾-14 NPT outlet fitting, two ½-14 NPT inlet fittings

4-Unit Explosion-Proof Housing

CA72342 - AA-BB

See "CA72342 4-Unit Explosion-Proof Housing Dimensions" on page 17

A: Transducer Type Option	
00	No mounting hardware
02	3000 or 7200 Proximitor Sensors, VDCs, and Interface Modules
03	3300 Proximitor Sensors
10	3300 XL Proximitor Sensors, panel mount
11	3300 XL Proximitor Sensors, DIN mount
	Proximitor Sensors, Interface Modules, and Velocity-to-Displacement Converters are not included and must be ordered separately
	Exercise care when specifying system length to avoid having excess coils of cable inside the housing. This excess cable in the housing may cause chafing and premature failure of the cables.

B: Conduit Fitting Option	
01	No fittings supplied
02	One 1¼ -11½ in NPT outlet fitting, one ¾-14 NPT inlet fitting
03	One 1¼ -11½ NPT outlet fitting, two ¾-14 NPT inlet fittings
04	One ¾-14 NPT outlet fitting, three ¾-14 NPT inlet fittings
05	One ¾-14 NPT outlet fitting, four ¾-14 NPT inlet fittings
06	One ¾-14 NPT outlet fitting, one ½-14 NPT inlet fitting
07	One ¾-14 NPT outlet fitting, two ½-14 NPT inlet fittings
08	One ¾-14 NPT outlet fitting, three ½-14 NPT inlet fittings
09	One ¾-14 NPT outlet fitting, four ½-14 NPT inlet fittings

6-Unit Explosion-Proof Housing

CA72343 - AA-BB

See "CA72343 6-Unit Explosion-Proof Housing Dimensions" on page 18

A: Transducer Type Option	
00	No mounting hardware
02	3000 or 7200 Proximitor Sensors, VDCs, and Interface Modules
03	3300 Proximitor Sensors
10	3300 XL Proximitor Sensors, panel mount
11	3300 XL Proximitor Sensors, DIN mount
	Proximitor Sensors, Interface Modules, and Velocity-to-Displacement Converters are not included and must be ordered separately
	Exercise care when specifying system length to avoid having excess coils of cable inside the housing. This excess cable in the housing may cause chafing and premature failure of the cables.

B: Conduit Fitting Option	
01	No fittings supplied
02	One 1¼ -11½ in NPT outlet fitting, one ¾-14 NPT inlet fitting
03	One 1¼ -11½ NPT outlet fitting, two ¾-14 NPT inlet fittings
04	One 1¼ -11½ NPT outlet fitting, three ¾-14 NPT inlet fitting
05	One 1¼ -11½ NPT outlet fitting, four ¾-14 NPT inlet fitting
06	One 1¼ -11½ NPT outlet fitting, five ¾-14 NPT inlet fitting
07	One 1¼ -11½ NPT outlet fitting, six ¾-14 NPT inlet fitting
08	One ¾-14 NPT outlet fitting, one ½-14 NPT inlet fittings
09	One ¾-14 NPT outlet fitting, two ½-14 NPT inlet fittings
10	One ¾-14 NPT outlet fitting, three ½-14 NPT inlet fittings
11	One ¾-14 NPT outlet fitting, four ½-14 NPT inlet fittings
12	One 1¼ -11½ NPT outlet fitting, five ½-14 NPT inlet fittings
13	One 1¼ -11½ NPT outlet fitting, six ½-14 NPT inlet fittings

Graphs and Figures

Explosion Proof Housing

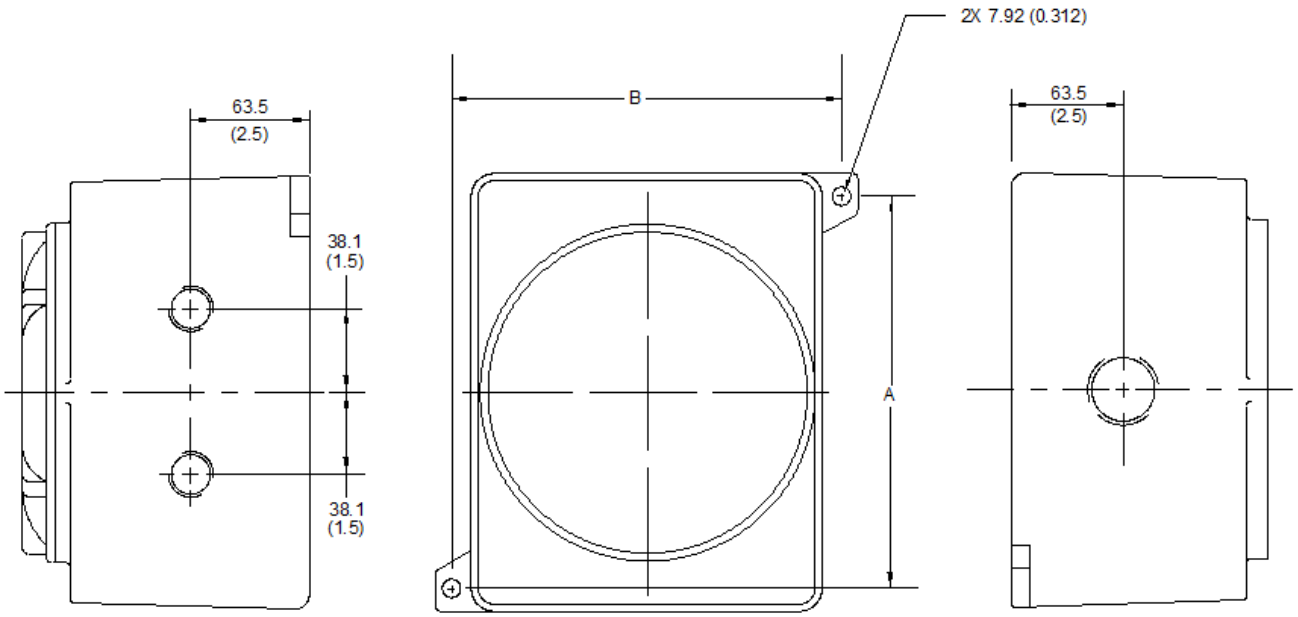


Figure 1: CA72341 2-Unit Explosion-Proof Housing Dimensions

Dimensions are in millimeters (inches). For additional dimensions, see Dimensions A and B in Table 2.

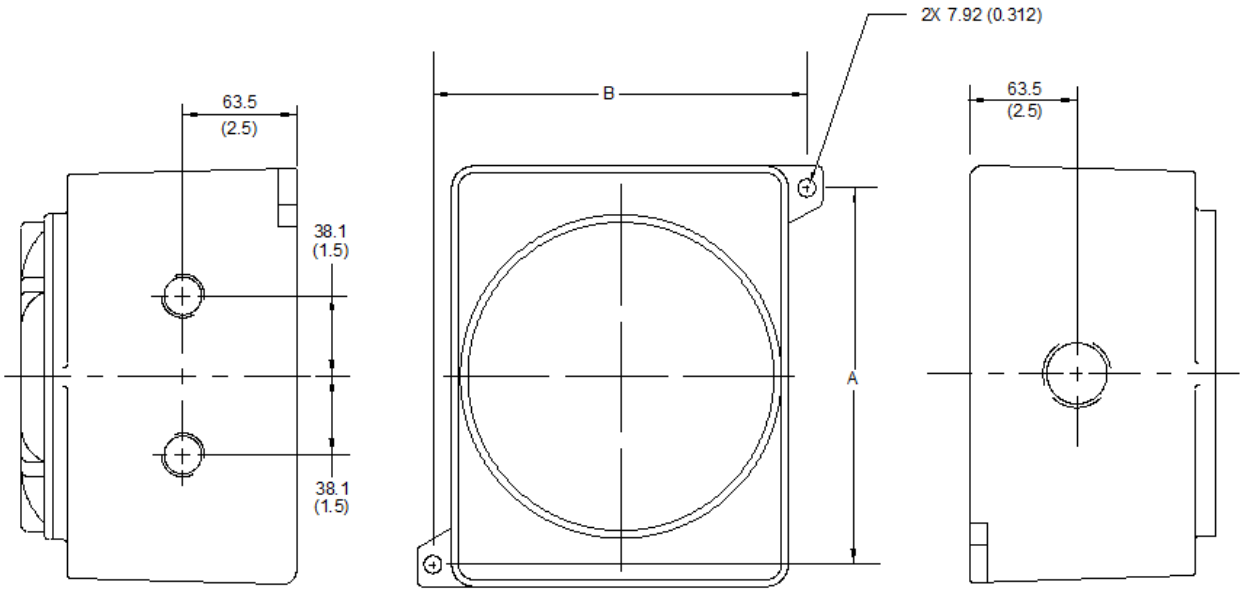
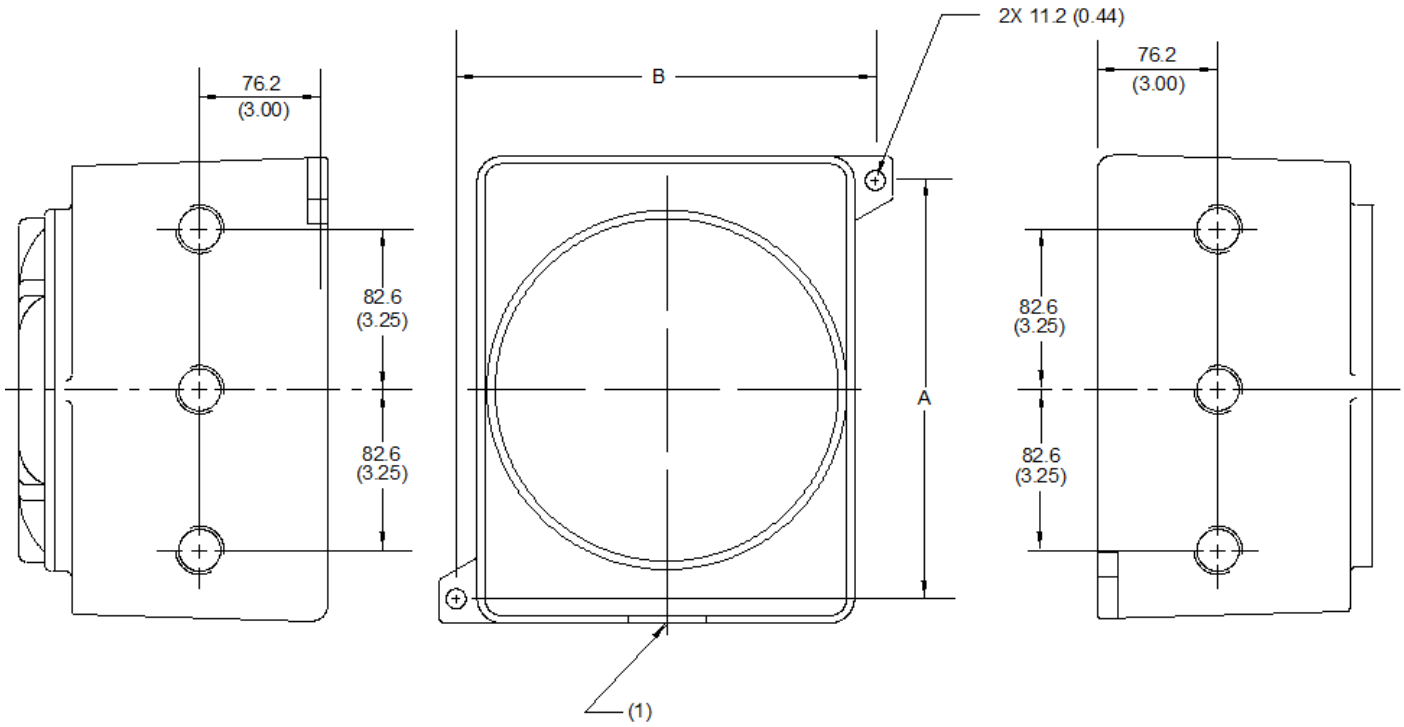


Figure 2: CA72342 4-Unit Explosion-Proof Housing Dimensions

Dimensions are in millimeters (inches). For additional dimensions, see Dimensions A and B in Table 2.



1. Outlet fitting threaded hole centered 76.3 (3.0) from base

Figure 3: CA72343 6-Unit Explosion-Proof Housing Dimensions

Dimensions are in millimeters (inches). For additional dimensions, see Dimensions A and B in Table 2.

Table 1: Explosion-Proof Housing Dimensions

Part Number	Maximum Proximitor Sensor Capacity	Overall Dimensions (with lid)			Mounting Dimensions	
		Length	Width	Height	A	B
CA72341	2	229 (9.00)	181 (7.12)	169 (6.66)	149 (5.87)	206 (8.12)
CA72342	4	264 (10.4)	257 (10.1)	186 (7.31)	232 (9.12)	245 (9.63)
CA72343	6	302 (11.9)	274 (10.8)	183 (7.19)	241 (9.50)	267 (10.5)

Ordering Information

For the detailed listing of country and product specific approvals, refer to the **Approvals Quick Reference Guide**, Document 108M1756, at **Bently.com.**

Water and Corrosion-Resistant Housing

2-Unit Water and Corrosion-Resistant Fiberglass Housing

24584 - AA-BB

See "24584, 24585, and 24586 Fiberglass Housing Dimensions " on page 21

A: Transducer Type Option	
00	No mounting hardware
02	3000 or 7200 Proximitor Sensors, VDCs, and Interface Modules
03	3300 Proximitor Sensors
10	3300 XL Proximitor Sensors, panel mount
	Proximitor Sensors, Interface Modules, and Velocity-to-Displacement Converters are not included and must be ordered separately
	Exercise care when specifying system length to avoid having excess coils of cable inside the housing. This excess cable in the housing may cause chafing and premature failure of the cables.

B: Conduit Fitting Option	
00	Without fittings and mounting holes
01	With fittings and reducers
02	With cable grips and cable seals

4-Unit Water and Corrosion-Resistant Fiberglass Housing

24585 - AA-BB

See "24584, 24585, and 24586 Fiberglass Housing Dimensions " on page 21

A: Transducer Type Option	
00	No mounting hardware
02	3000 or 7200 Proximitor Sensors, VDCs, and Interface Modules
03	3300 Proximitor Sensors
10	3300 XL Proximitor Sensors, panel mount
	Proximitor Sensors, Interface Modules, and Velocity-to-Displacement Converters are not included and must be ordered separately
	Exercise care when specifying system length to avoid having excess coils of cable inside the housing. This excess cable in the housing may cause chafing and premature failure of the cables.

B: Conduit Fitting Option	
00	Without fittings and mounting holes
01	With fittings and reducers
02	With cable grips and cable seals

6-Unit Water and Corrosion-Resistant Fiberglass Housing

24586 - AA-BB

See "24584, 24585, and 24586 Fiberglass Housing Dimensions " on page 21

A: Transducer Type Option	
00	No mounting hardware
02	3000 or 7200 Proximitor Sensors, VDCs, and Interface Modules
03	3300 Proximitor Sensors
10	3300 XL Proximitor Sensors, panel mount
	Proximitor Sensors, Interface Modules, and Velocity-to-Displacement Converters are not included and must be ordered separately
	Exercise care when specifying system length to avoid having excess coils of cable inside the housing. This excess cable in the housing may cause chafing and premature failure of the cables.

B: Conduit Fitting Option	
00	Without fittings and mounting holes
01	With fittings and reducers
02	With cable grips and cable seals

Graphs and Figures

Water and Corrosion-Resistant Housing

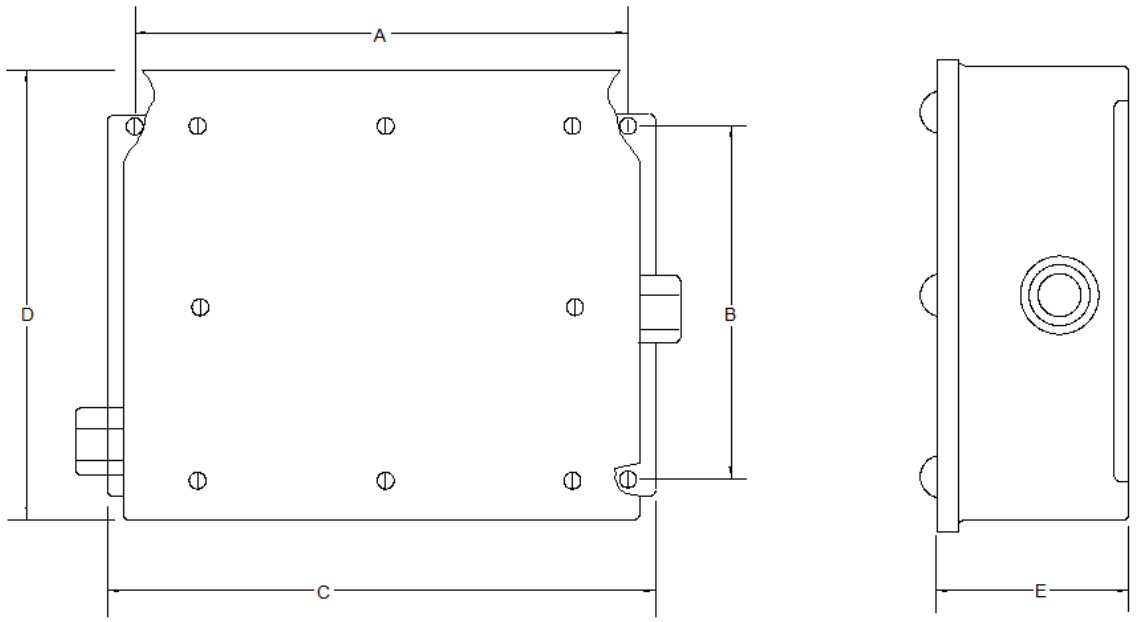


Figure 1: 24584, 24585, and 24586 Fiberglass Housing Dimensions

Dimensions are in millimeters (inches).

For additional dimensions, see Dimensions A through E in Table 3.

Table 1: Water- and Corrosion-Resistant Housing Dimensions

Part Number	Maximum Proximitor Sensor Capacity	Overall Dimension (with lid)			Mounting Dimensions	
		Length (C)	Width (D)	Height (E)	A	B
24584	2	245 (9.63)	187 (7.38)	122 (4.81)	226 (8.88)	102 (4.00)
24585	4	295.1 (11.62)	238.3 (9.38)	108.0 (4.25)	273.0 (10.75)	152.4 (6.00)
24586	6	345.9 (13.62)	289.1 (11.38)	133.4 (5.25)	323.9 (12.75)	203.2 (8.00)

1631 Bently Parkway South, Minden, Nevada USA 89423
Phone: 1.775.782.3611 Bently.com