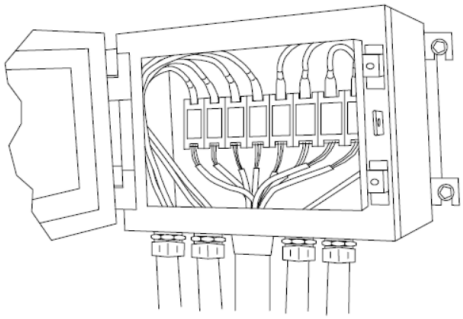
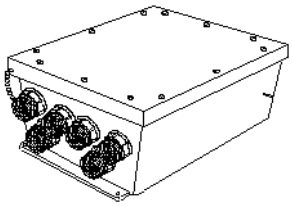
Proximitor Sensor and Interface Module Housings

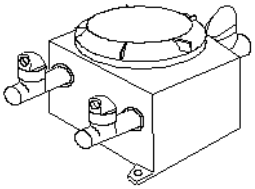
Datasheet

Cordant™

141599 Rev. AC







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

Baker Hughes

Ordering Information

2-Unit Water and Corrosion-Resistant Fiberglass Housing

24584-AA-BB

See 24584, 24585, and 24586 Fiberglass Housing Dimensions on page 28.

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 28.

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

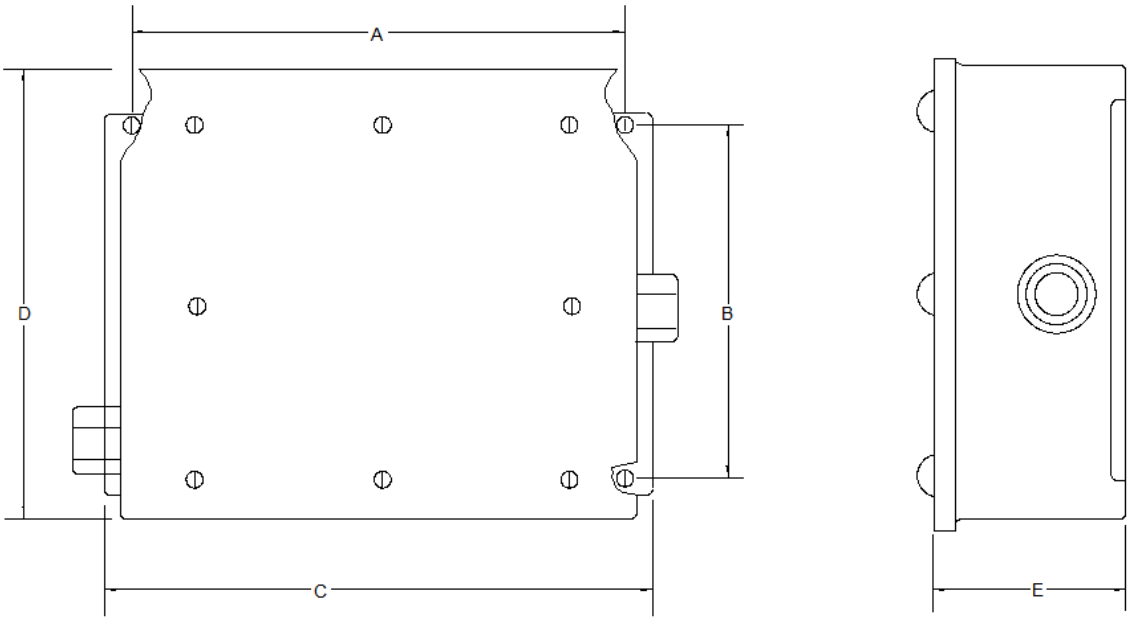


Figure 1: 24584, 24585, and 24586 Fiberglass Housing Dimensions

Dimensions are in millimeters (inches).

For additional dimensions, see Dimensions A through E in the table below.

Table 1: Water- and Corrosion-Resistant Housing Dimensions

Part Number	Maximum Proximitor Sensor Capacity	Overall Dimensions (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 (4.25)	273 (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)

Dimensions are in millimeters (inches).