

Bently Nevada Service Manual

21128-01-03

1. Description

Velocity Transducer Housings protect velocity sensors from

3. Product Information

Velocity Transducer Housings protect velocity sensors from damage caused by hose-directed water, corrosion, physical abuse, or other adverse environmental conditions.

Constructed of 303 stainless steel, these housings are designed to meet NEMA 4X and IP65 requirements when properly installed.

The 21128 housing is preferred for most non-hazardous environmental conditions. The CA21128 is the explosion-proof version that is CSA certified for use in Classes I, II, and III, Division 1, Groups B, C, D, E, F, and G. It must be ordered and shipped with a CSA approved velocity sensor installed in the assembly. The BA42608 housing is used for BASEEFA approved installations where compliance with BS EN 60079 14 is necessary. It provides the environmental and physical protection needed to comply with the IP65 rating defined in IEC standard 144.

Each of these housings is now available with a tall cap. The tall cap option is required if the customer wants to install a Velomitor CT in a housing. The tall cap option is also required if installing either a 9200 or 74712 Seismoprobe with an isolated base into the 21128 housing.

When using the 21128 Housing, cable part number 89477-AA is necessary to connect the Velomitor Sensor to a monitor.

Manufacturer : Bently Nevada

Part Number : 21128-01-03

Water and Corrosion-resistant Velocity Transducer Housing

21128 - AA-BB

Mounting Thread and Cap Option : 01 = Unthreaded base, 28.5 mm (1.125 in) diameter

Cable Exit Fitting Option : 03 = 1/2-in NPT, explosion-proof and cable grip fittings

Temperature Rating : -29°C to +121°C (-20 °F to +250°F)

Moisture : Resistant to moisture and corrosion but is not submersible

O-ring Material : Neoprene

Weight : 1.6 kg (3.55 lb)

Specifications

Physical

Outlet Port

Size 1/2-in NPT

Internal Mounting Thread

21128 and

CA21128 1/2-in 20 UNF

BA42608 5/8-in 18 UNF-2B

Weight 1.6 kg (3.55 lb) without velocity sensor or fittings

Environmental

Temperature

Rating -29°C to +121°C (-20 °F to +250°F)

Moisture Resistant to moisture and corrosion but is not submersible

O-ring

Material Neoprene

