Bently Nevada Service Manual

21128-01-01

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 BASEEFAapproved 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 : 21128-01-01
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 : 01 = 1/2-in NPT plug
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