

Bently Nevada 330930-060-10-00

Manufacturer : Bently Nevada

Product No. :330930-060-10-00

Product type : 3300 NSv Extension Cable

Made in U.S.A

Cable Length Option : 060 = 6.0 meters (19.7 feet)

Connector and Cable Option : 10= FluidLoc cable with stainless steel armor, with FEP jacket, with connector protector

Agency Approval Option : 00 = Not Required

Extension Cable Material : 75 Ω coaxial, fluoroethylene propylene (FEP) insulated.

Operating and Storage Temperature: -51° C to +177° C (-60° F to +351° F)

Shipping weight : 1.5 Kg

Make sure that the extension cable length and the probe length, when added together, equal the Proximity Sensor total length.

Extension cable

dc resistance

Center conductor: 0.220

Ω /m (0.067 Ω /ft)

Shield: 0.066 Ω /m (0.020

Ω /ft)

Extension cable

capacitance

69.9 pF/m (21.3 pF/ft)

typical

Field Wiring

0.2 to 1.5 mm² (16 to 24

AWG)[0.25 to 0.75 mm² (18

to 23 AWG) with ferrules].

Recommend using threeconductor shielded triad

cable. Maximum length of

305 meters (1,000 feet)

between the 3300 XL NSv

Proximity Sensor and the

monitor. See the frequency

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response graphs Figure 16 and Figure 17 for signal rolloff at high frequencies when using longer field wiring lengths.

Linear Range

1.5 mm (60 mils). Linear range begins at approximately 0.25 mm (10 mils) from target and is from 0.25 to 1.75 mm (10 to 70 mils) (approximately -1 to -13 Vdc).

Recommended

Gap Setting 1.0 mm (40 mils)

Extension

Cable Material

75 Ω coaxial, fluoroethylene propylene (FEP) insulated.

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75 Ω coaxial, fluoroethylene propylene (FEP) insulated.

Proximator

Sensor Material A380 aluminum

System Length 5 or 7 meters including extension cable

Extension

Cable Armor

(optional)

Flexible AISI 302 SST

with/without FEP outer jacket.

Tensile

Strength

(maximum rated)

220 N (50 lb) probe case to probe lead. 220 N (50 lb) at

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probe lead to extension
cable connectors. 220 N (50
lb) probe case to stainless
steel armor.
Connector
material Gold-plated brass

Extension
Cable Armor
(optional)
Flexible AISI 302 SST
with/without FEP outer
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Tensile
Strength
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220 N (50 lb) probe case to
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Connector
material Gold-plated brass

Operating and
Storage
Temperature
-52° C to +177° C (-62° F to
+351° F)
Temperature Schedule

Ambient Temperature
(Probe Only)
For EPL Ga and Gc
Temperature Classification T1 Ambient Temperature -55° C to +232° C
Temperature Classification T2 Ambient Temperature -55° C to +177° C
Temperature Classification T3 Ambient Temperature -55° C to +120° C
Temperature Classification T4 Ambient Temperature -55° C to +80° C

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Temperature Classification T5 Ambient Temperature -55°C to $+40^{\circ}\text{C}$

For EPL Dc

Temperature Classification T280 $^{\circ}\text{C}$ @ Ta Ambient Temperature -55°C to $+232^{\circ}\text{C}$

Temperature Classification T225 $^{\circ}\text{C}$ @ Ta Ambient Temperature -55°C to $+177^{\circ}\text{C}$

Temperature Classification T170 $^{\circ}\text{C}$ @ Ta Ambient Temperature -55°C to $+120^{\circ}\text{C}$

Temperature Classification T130 $^{\circ}\text{C}$ @ Ta Ambient Temperature -55°C to $+80^{\circ}\text{C}$

Temperature Classification T105 $^{\circ}\text{C}$ @ Ta Ambient Temperature -55°C to $+100^{\circ}\text{C}$

Temperature Classification T90 $^{\circ}\text{C}$ @ Ta Ambient Temperature -55°C to $+40^{\circ}\text{C}$



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