

Bently Nevada 330930-045-01-CN Manual

Brand	Bently Nevada
Product Series	330730&330930
Product Type	3300 NSv Extension Cable

Description

Manufacturer : Bently Nevada
Product No. : 330930-045-01-CN
Product type : 3300 NSv Extension Cable
Made in U.S.A

Cable Length Option : 045 4.5 meters (14.8 feet)
Connector and Cable Option : 01 With stainless steel armor, with FEP jacket
Agency Approval Option : CN = Approvals country specific
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.

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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
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.

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
probe lead to extension
cable connectors. 220 N (50
lb) probe case to stainless
steel armor.

Connector

material Gold-plated brass

Operating and

Storage

Temperature

-52°C to +177°C (-62°F to
+351°F)

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