

# Bently Nevada 330930-040-01-05 Manual

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

## Description

Manufacturer : Bently Nevada

Product No. : 330930-040-01-05

Product type : 3300 NSv Extension Cable

Made in U.S.A

Cable Length Option : 040 =4.0 meters (13.1 feet)

Connector and Cable Option : 01 =With stainless steel armor, with FEP jacket

Agency Approval Option : 05 =Multiple Approvals

Extension Cable Material : 75  $\Omega$  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.

[www.AutoDCSTech.com](http://www.AutoDCSTech.com)

Extension cable

dc resistance

Center conductor: 0.220

$\Omega$ /m (0.067  $\Omega$ /ft)

Shield: 0.066  $\Omega$ /m (0.020

$\Omega$ /ft)

Extension cable

capacitance

69.9 pF/m (21.3 pF/ft)

typical

Field Wiring

0.2 to 1.5 mm<sup>2</sup> (16 to 24

AWG)[0.25 to 0.75 mm<sup>2</sup> (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  $\Omega$  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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