

Product at a glance

Bently Nevada 330180-X2-05

Identity

330180-X2-05 denotes an 8 mm-family Proximitior Sensor with an unresolved X2 option.

Function

Converts a matched proximity probe signal for machinery-monitoring measurement.

Input

Accepts a compatible 3300-series 5 mm or 3300 XL 8 mm probe and extension cable.

Approval

Code 05 identifies published CSA, ATEX and IECEx approvals.

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System architecture

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Do not decode X2

The source order table lists numeric length and mount codes; this X2 notation remains unassigned.

Supply

-17.5 to -26 V DC under specified non-incendive conditions.

Barrier supply

-23 to -26 V DC with approved barriers.

Current

12 mA maximum family consumption.

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Operating values

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Output impedance

50-ohm output resistance in the datasheet.

Target

Published accuracy assumes the applicable AISI 4140 steel reference target.

System length

Probe and extension must match the verified Proximitor option; X2 does not establish length.

Monitoring

Receiving channel settings must match the installed system, not merely the sensor base number.

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Selection boundaries

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Mount

Confirm panel, DIN or other mount from physical/original-order evidence.

Environment

Follow the approval and installation drawing conditions for the actual site.

Source

3300 XL 8 mm datasheet 141194 Rev. AN is the family technical reference.

Substitution

A related product link provides navigation, not engineering interchangeability approval.

Manufacturer evidence: Baker Hughes / Bently Nevada, 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AN, pp. 3-4 and ordering table.

Related ApterPower product pages / navigation only

[Bently Nevada 330130-080-01-CN](#)

[Bently Nevada 330103-00-05-50-12-00](#)

[Bently Nevada 330878-50-00](#)

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