

INDUSTRIAL AUTOMATION PRODUCT

146054-058-20-02-05 MOD:173931-011-058

Modified 3300 Ceramic-Capped Proximity Probe

Bently Nevada 146054-058-20-02-05 MOD:173931-011-058 is a modified ceramic-capped probe whose special case construction must be verified from modification drawing 173931-011-058.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada modified 3300 ceramic-capped probe
Part number	146054-058-20-02-05 MOD:173931-011-058
Origin / HS	USA / 8537101190
Shipping origin	Xiamen, Fujian, China

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Confirm 146054-058-20-02-05 MOD:173931-011-058, documented modified 3300 ceramic-capped transducer loop, special case geometry, 2.0 m lead, ClickLoc connector and modification drawing, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

System Role and Architecture

Bently Nevada 146054-058-20-02-05 MOD:173931-011-058 is a modified ceramic-capped probe whose special case construction must be verified from modification drawing 173931-011-058.

FUNCTION 1
Preserves modification 173931-011-058 identity

FUNCTION 2
Uses a 2.0 m lead

FUNCTION 3
Uses standard ClickLoc connector code 02

FUNCTION 4
Requires controlled-drawing verification of special geometry

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Bently Nevada modified 3300 ceramic-capped probe
02	documented modified 3300 ceramic-capped transducer loop
03	special case geometry, 2.0 m lead, ClickLoc connector and modification drawing
04	Approved wiring, shielding and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada modified 3300 ceramic-capped probe
Interface role	special-geometry noncontact measurement with ceramic tip protection
Field / power context	documented modified 3300 ceramic-capped transducer loop
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete 146054-058-20-02-05 MOD:173931-011-058 marking and controlled maintenance record before work.
- 2

Place the documented modified 3300 ceramic-capped transducer loop and associated machine or process in the approved maintenance state.
- 3

Isolate the documented power, signal and protection circuits before disconnecting 146054-058-20-02-05 MOD:173931-011-058.
- 4

Record the installed position, special case geometry, 2.0 m lead, ClickLoc connector and modification drawing, polarity, shielding and grounding.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Base probe	146054 ceramic-capped probe	Approval code 05	Multiple approvals
Configuration code	058 - special construction	Modification	173931-011-058 - verify controlled drawing
Total-length code 20	2.0 m	Country of origin	USA
Connector code 02	Standard ClickLoc connector	HS code	8537101190

ENGINEERING BOUNDARY

Confirm 146054-058-20-02-05 MOD:173931-011-058, documented modified 3300 ceramic-capped transducer loop, special case geometry, 2.0 m lead, ClickLoc connector and modification drawing, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete 146054-058-20-02-05 MOD:173931-011-058 marking and controlled maintenance record before work.
- 2

Place the documented modified 3300 ceramic-capped transducer loop and associated machine or process in the approved maintenance
- 3

Isolate the documented power, signal and protection circuits before disconnecting 146054-058-20-02-05 MOD:173931-011-058.
- 4

Record the installed position, special case geometry, 2.0 m lead, ClickLoc connector and modification drawing, polarity, shielding and

Applications and Engineering Context

Modified probe installations

Matches a controlled special-geometry position.

Ceramic-tip protection

Supports documented harsh target locations.

Legacy spare replacement

Retains the complete MOD identity.

Loop recommissioning

Verifies geometry, gap and response.

TECHNICAL NOTE

Confirm 146054-058-20-02-05 MOD:173931-011-058, documented modified 3300 ceramic-capped transducer loop, special case geometry, 2.0 m lead, ClickLoc connector and modification drawing, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	146054-058-20-02-05 MOD:173931-011-058 recorded
Host / carrier	Bently Nevada modified 3300 ceramic-capped probe
Physical interface	special case geometry, 2.0 m lead, ClickLoc connector and modification drawing matched
Configuration	Exact installed configuration and channel assignments restored
Functional proof	Controlled special-geometry noncontact measurement with ceramic tip protection response recorded

IMPORTANT NOTICE

Confirm 146054-058-20-02-05 MOD:173931-011-058, documented modified 3300 ceramic-capped transducer loop, special case geometry, 2.0 m lead, ClickLoc connector and modification drawing, installed position, polarity, shielding, grounding, configuration,

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER	
01	Bently Nevada 330171-00-24-10-02-00
02	Bently Nevada 330186-02
03	Bently Nevada 330185-02
04	Bently Nevada 330171-00-12-50-01-CN
05	Bently Nevada 330104-00-06-05-01-CN
06	Bently Nevada 330905-00-11-05-02-00
07	Bently Nevada 330851-04-000-030-10-00-05
08	Bently Nevada 330190-040-00-05

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

3300 Ceramic-Capped Probe Datasheet | Bently Nevada publication 172932 Rev. H; special geometry governed by modification drawing 173931-011-058

APTER POWER SALES TEAM

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