

Housing Identity and Parameters

Bently Nevada 24701-00-00-00-290-03-02

Bently Nevada 24701-00-00-00-290-03-02 is a stainless-steel external proximity-probe housing configured without a supplied probe, probe cable or standoff adapter. Its ordering code specifies a 29.0 in probe-penetration dimension, E03 conduit fittings and a 3/4-14 NPT mounting thread.

Verified Ordering and Construction

PARAMETER	VERIFIED VALUE
Product family	24701 external proximity probe housing assembly
Housing body	303 stainless steel
Probe sleeve	304 stainless steel
Probe selection	A00: no probe supplied
Probe cable selection	B00: no cable supplied
Standoff adapter	C00: none
Probe penetration option	D290: 29.0 in
Conduit hardware	E03: NPT plug, NPT reducer and cable seal grip
Mounting thread	F02: 3/4-14 NPT
Long-sleeve support	Required near probe when C + D exceeds 12 in
Explosion-proof distinction	CSA explosion-proof rating is specified for CA24701, not automatically for 24701

Applications and Installation

Application Boundary

ROLE	CONTROLLED USE
External probe mounting	Stainless-steel housing for an externally mounted compatible proximity probe.
Machinery case penetration	D290 penetration option requires a controlled sleeve path and support near the probe.
Conduit transition	E03 hardware provides a plug, reducer and cable seal grip for the installed cable route.
Service configuration	A00/B00 lets the installer select a separately approved probe and cable for the measurement system.

Release-Critical Checks

MECHANICAL	PROBE AND APPROVAL
Match all 24701-00-00-00-290-03-02 fields to the installed nameplate and drawing.	Do not assume a probe or probe cable is included; A00 and B00 omit them.
Check the D290 29.0 in penetration against the machine case and selected probe/cable length.	Do not apply the CA24701 CSA explosion-proof rating to this non-CA 24701 code.
Add sleeve support near the probe: C00 plus D290 exceeds the manufacturer's 12 in threshold.	Confirm the approved probe, target, gap and monitoring chain before release.
Use the specified E03 plug, reducer and cable seal grip; verify cable sealing and conduit fit.	Match the F02 3/4-14 NPT mounting thread before installation.

Evidence

Bently Nevada datasheet 141600 Rev. AC, pages 1-3 and 6-8. Related products are site navigation only, not interchangeability claims.