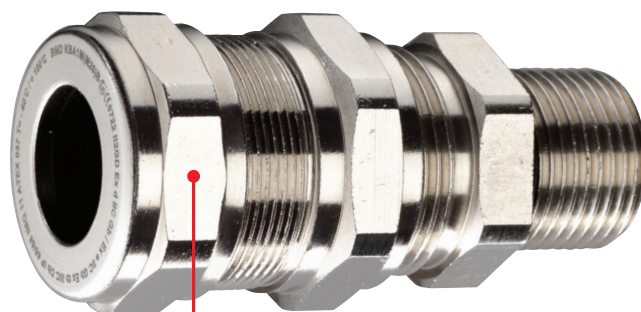


Making a difference in extreme temperatures with extreme temperature installation products

ABB's dedicated extreme temperature products help solve your every day issues.



Extreme temperature protection with ATEX / IECEx double compression configuration.



EXSLH Conduit range

High temperature conduit with stainless steel core

- Conforms to: IEC61386 / UL94V2
- Temperature: Static -50°C to +130°C, Flexing -5°C to +130°C
- Material: Co-Polyester Covering, Stainless Steel Core, Cotton Packed (03-07), Interlocked (08-09)
- Flame Resistant
- Chemical and Oil Resistant
- Compatible with: EXQ, EXS, EXR, HA-G1 Fittings
- Also available with galvanized steel core



HA-G1 Barrier fitting

G1 Liquidtight fitting with Ex d e flameproof barrier

- Constructed from Stainless Steel with an epoxy resin barrier
- ATEX - Baseefa 16ATX0174X
- IECEx - IECEx BAS 16.0088X
- TR-CU - RU C-GB.AA87.B.00198
- I M2 II 2 GD Ex d e I Mb Ex d e IIC Gb Ex tb IIIC Db
- CSA: CSA 060582
- Class I Div 2 ABCD Class II Div 1 EFG
- Temperature: -60°C to +130°C
- IEC Ingress Rating: IP 66



C1 Series cable gland

Ex d e double compression cable gland

- Double compression for armoured cable, inner cable and outer sheath
- Wide cable clamping range
- Good corrosion resistance
- Operating temperature range (normal use): -40°C to +100°C (-40°F to +212°F)
- IEC Ingress Rating: IP 66 - IP 68 rating (5-Bar 30 mins)
- Nickel plated brass or Stainless steel 316L, Chloroprene seals
- Suitable for use with: SWA, SWB, AWA, STA
- C2 series for Ex d e single compression

High temperature resistance with a stainless steel core



Group I flameproof barrier gland, for all hazardous areas



ATEX/IECEx metallic cable glands for armoured cable, offering a double compression configuration



ABB Installation Products
F&B Extreme temperatures



ABB Installation Products
F&B Corrosion resistance



ABB Installation Products
F&B Anti-microbial

ABB extreme temperature installation products

for plant continuity and consistent operations



**Dedicated
F&B products**



Trusted partner



**Free of cost
plant assesment**



**Sustainable
solutions**

The impact of extreme temperatures that special F&B installation products can help avoid:

- **Increased plant floor usage:** Ambient temperature increase due to reduced equipment size and increased plant floor usage
- **Rapid temperature swings:** Dryers and coolers or ovens and flash freezers directly in line with one another, causing rapid temperature swings stressing electrical systems
- **Thermal expansion and contraction:** Repeated expansion and contraction potentially damages conduit systems
- **Components in cold areas:** Components can become brittle and fail at low temperatures, particularly with frozen food processing
- **Components in high temperatures:** Components near ovens can soften, fail and burn in high temperatures, potentially damaging nearby equipment or contaminate food products

Working with an ABB Installation Products specialist:

- **Broad and innovative offering:** the latest technologies of world leading brands
- **Local availability:** the installation products you need on hand at your local supplier
- **Qualified technical personnel:** to assist you quickly getting your plant back online
- **Installation training certification:** to help ensure plant sustainability

Free of cost factory assessment:

- The **Plant Installation Product Assessment** conducted by ABB is a no-cost, confidential service that helps food and beverage processors find and address existing and potential electrical issues
- **Customized proposal:** after assessing your facility's installation system concerns, ABB provides a customized proposal of solutions that can help optimize your plant's systems

Long term, sustainable solutions

- **Supporting clean-in-place (CIP):** High-performance electrical systems to work in clean-in-place (CIP) sanitation processes
- **Increasing operational equipment effectiveness (OEE):**
 - Extending the plant lifecycle
 - Reducing your capital expenditures



**ABB Installation
Products Plant
assessment**



Talk to us

for a technical answer to your question
from our Technical Sales Team:



888-862-3289



techsupport@us.abb.com

electrification.us.abb.com

We reserve the right to make technical changes or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB AG does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB AG.

©2021 ABB. All rights reserved