Making a difference in extreme temperatures
with extreme temperature installation products

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

**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 l 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

**Group I flameproof barrier gland**, for all hazardous areas

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

**Talk to us**

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

- **888-862-3289**
- **techsupport@us.abb.com**

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