

ATEX BXA AISI-316 Fittings

NPT, IECEx-ATEX, cable-hose-fitting, stainless steel, AISI-316, barrier type

Stainless Steel Liquid-Tight Flexible Metal Conduit (LFMC) Fittings



Construction

- Stainless Steel Type 316 fitting, has a five piece construction consisting of a gland nut, sealing ring, high tensile grounding cone, barrier container, and body.
- Separately a 2 compound epoxy sealing will be supplied for creating the barrier.
- Excellent corrosion resistance, strength and durability.



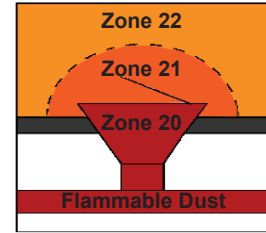
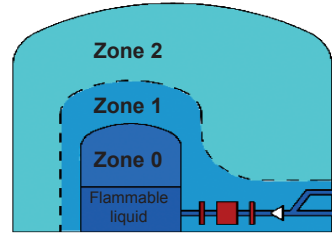
Straight Fitting NPT 1/2" Through 1-1/4"



Installation

- Fitting is ideal for use with standard liquid-tight conduit to allow easy installation. IP67 Rated on the conduit and IP66 between the body and switch box.
- Rated for temperature -76°F to + 266°F (-60°C to +130°C).
- Suitable for harsh industrial, food and beverage, petrochemical, Oil and Gas, waste water, salt water and other corrosive applications.
- ATEX Fittings are approved in Europe. Not to be used on Machinery or parts for the US.

Localization of Gas and Dust Ex-Zones



For loose wires, each fitting/adaptor is certified and marked:
 ⚠ RCN {type} {threadsize} CE 0080 ⚡ I M2 / II 2 GD / Ex d II C /
 Ex e II / Ex d I / Ex tD A 21 IP66 INERIS 06ATEX0014X

Group I - Equipment for use in mining:

Hazardous Atmosphere	Risk	Zone	Category Equipment	Anamet ATEX System allowed	Security level
Mine Gas, Combustible Dusts	Continuously or for long periods	0	I M1	No	Very high (also safe in case of 2 independent failures)
Mine Gas, Combustible Dusts	Occasionally	1	I M2	Yes	High (also safe in case of 1 failure)

Group II - Equipment for use in all other explosive atmospheres:

Hazardous Atmosphere	Risk	Zone	Category Equipment	Anamet ATEX System allowed	Security level
Gases, Vapors and Mists	Continuously or for long periods	0	II 1 G	No	Very high (also safe in case of 2 independent failures)
Gases, Vapors and Mists	Occasionally	1	II 2 G	Yes	High (also safe in case of 1 failure)
Gases, Vapors and Mists	Infrequently or for short periods	2	II 3 G	Yes	Normal (safe during normal functioning)
Dusts	Continuously or for long periods	20	II 1 D	No	Very high (also safe in case of 2 independent failures)
Dusts	Occasionally	21	II 2 D	Yes	High (also safe in case of 1 failure)
Dusts	Infrequently or for short periods	22	II 2 D II 3 G	Yes Yes	High (conducting Dusts) Normal (non-conducting Dusts)

Differences between European and North American code:

Region	Constant presence risk	Occasional presence risk	Presence risk only in case of failure
IEC/Europe	Zone 0	Zone 1	Zone 2
U.S./Canada	Division I		Division II



• RoHS WEEE COMPLIANT

Stainless Steel ATEX Fittings

Type 316

Product Specifications

Ordering Information

Electrical Trade Size		K.O. Size	Dimensions			Approx Weight (lbs.)	Straight Fittings	
Inches	mm	Inches	Inches			PER Pkg.	Standard Package	AEI PIN
			A	B	C			
1/2	14	1/2	1.457	0.512	1.024	3.5	25	82701692
3/4	19	3/4	1.457	0.512	1.142	4.4	25	82702092
1	24	1	1.575	0.591	1.379	2.4	10	82702692
1-1/4	32	1-1/4	1.811	0.591	1.772	1.5	5	82703592

Note: Additional sizes and types available.

