

CDEx

CONDUITS FOR POTENTIALLY EXPLOSIVE ATMOSPHERES

PROTECTION: Ex d – Ex tb

ZONES: 1 and 2 – 21 and 22

GROUPS: IIB – IIIC

EPL: Gb – Db

DEGREE OF PROTECTION: IP66

APPLICABLE STANDARDIZING:

ABNT NBR IEC 60079-0

ABNT NBR IEC 60079-1

ABNT NBR IEC 60079-31



TECHNICAL SPECIFICATIONS

- Conduit with **Ex d** (explosion-proof) and **Ex tb** (combustible dust) protection for installation in potentially explosive atmospheres.
- Made in copper-free **aluminum alloy** resistant to corrosion.
- **1/2" to 4" NPT or BSP threaded** inlets.
- Cover attached to body with stainless steel hex head bolts.
- **Electrostatic powder coating** finish in gray Munsell N 6.5 polyester.
- 8 different models. **E, C, LL, LR, LB, T, TB, and X.**
- Used for the passage of electrical ducts.

HOW TO REQUEST

CDEx ***

Type of thread

N: NPT

B: BSP

Model

E

C

LL

LR

LB

T

TB

X

Gauge

01: 1/2"

02: 3/4"

03: 1"

04: 1 1/4"

05: 1 1/2"

06: 2"

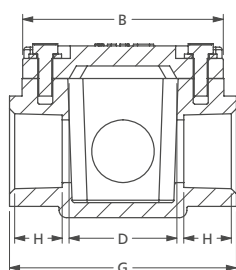
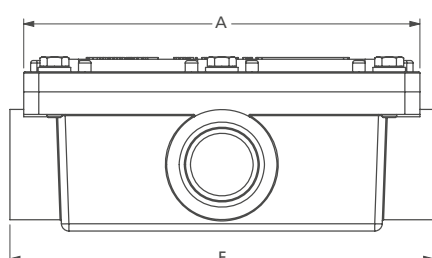
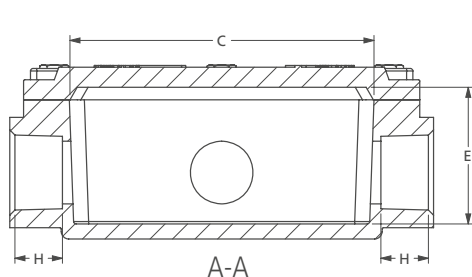
07: 2 1/2"

08: 3"

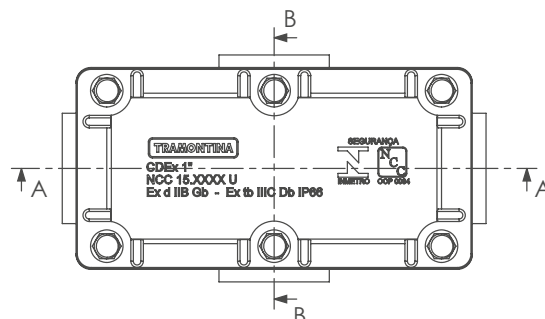
10: 4"

CDEx

TECHNICAL INFORMATION



B-B



Ø	A	B	C	D	E	F	G	H
1/2"	142	76	107	40	47.5	158	90	19.5
3/4"	142	76	107	40	47.5	158	90	19.5
1"	158	80	121	43	54	174	97	19.5
1.1/4"	185	112	145	63	74	204	121	23
1.1/2"	185	112	145	63	74	204	121	23
2"	207	118	167	78	87	233	144	27
2.1/2"	263	164	212	116	115	275	178	23
3"	263	164	212	116	115	275	178	23
4"	330	182	269	122	143	366	218	40

To request conduit outlets with a BSP thread, change the seventh digit "0" to "2".

Example: 56500/121 - Conduit outlet CDEx-1 and 1/2" BSP.

REFERENCE	MODEL	PRODUCT
56500/101	Conduit outlet CDEx-1 E 1/2 NPT	
56500/102	Conduit outlet CDEx-2 E 3/4 NPT	
56500/103	Conduit outlet CDEx-3 E 1" NPT	
56500/104	Conduit outlet CDEx-4 E 1.1/4NPT	
56500/105	Conduit outlet CDEx-5 E 1.1/2NPT	
56500/106	Conduit outlet CDEx-6 E 2" NPT	
56500/107	Conduit outlet CDEx-7 E 2.1/2NPT	
56500/108	Conduit outlet CDEx-8 E 3" NPT	
56500/109	Conduit outlet CDEx-10 E 4" NPT	
56501/101	Conduit outlet CDEx-1 C 1/2 NPT	
56501/102	Conduit outlet CDEx-2 C 3/4 NPT	
56501/103	Conduit outlet CDEx-3 C 1" NPT	
56501/104	Conduit outlet CDEx-4 C 1.1/4NPT	
56501/105	Conduit outlet CDEx-5 C 1.1/2NPT	
56501/106	Conduit outlet CDEx-6 C 2" NPT	
56501/107	Conduit outlet CDEx-7 C 2.1/2NPT	
56501/108	Conduit outlet CDEx-8 C 3" NPT	
56501/109	Conduit outlet CDEx-10 C 4" NPT	

REFERENCE	MODEL	PRODUCT
56502/101	Conduit outlet CDEx-1 LL 1/2NPT	
56502/102	Conduit outlet CDEx-2 LL 3/4NPT	
56502/103	Conduit outlet CDEx-3 LL 1" NPT	
56502/104	Conduit outlet CDEx-4 LL 1.1/4NPT	
56502/105	Conduit outlet CDEx-5 LL 1.1/2NPT	
56502/106	Conduit outlet CDEx-6 LL 2" NPT	
56502/107	Conduit outlet CDEx-7 LL 2.1/2NPT	
56502/108	Conduit outlet CDEx-8 LL 3" NPT	
56502/109	Conduit outlet CDEx-10 LL 4 NPT	
56503/101	Conduit outlet CDEx-1 LR 1/2NPT	
56503/102	Conduit outlet CDEx-2 LR 3/4NPT	
56503/103	Conduit outlet CDEx-3 LR 1" NPT	
56503/104	Conduit outlet CDEx-4 LR 1.1/4NPT	
56503/105	Conduit outlet CDEx-5 LR 1.1/2NPT	
56503/106	Conduit outlet CDEx-6 LR 2" NPT	
56503/107	Conduit outlet CDEx-7 LR 2.1/2NPT	
56503/108	Conduit outlet CDEx-8 LR 3" NPT	
56503/109	Conduit outlet CDEx-10 LR 4 NPT	
56504/101	Conduit outlet CDEx-1 LB 1/2NPT	
56504/102	Conduit outlet CDEx-2 LB 3/4NPT	
56504/103	Conduit outlet CDEx-3 LB 1" NPT	
56504/104	Conduit outlet CDEx-4 LB 1.1/4NPT	
56504/105	Conduit outlet CDEx-5 LB 1.1/2NPT	
56504/106	Conduit outlet CDEx-6 LB 2" NPT	
56504/107	Conduit outlet CDEx-7 LB 2.1/2NPT	
56504/108	Conduit outlet CDEx-8 LB 3" NPT	
56504/109	Conduit outlet CDEx-10 LB 4 NPT	
56505/101	Conduit outlet CDEx-1 T 1/2 NPT	
56505/102	Conduit outlet CDEx-2 T 3/4 NPT	
56505/103	Conduit outlet CDEx-3 T 1" NPT	
56505/104	Conduit outlet CDEx-4 T 1.1/4NPT	
56505/105	Conduit outlet CDEx-5 T 1.1/2NPT	
56505/106	Conduit outlet CDEx-6 T 2" NPT	
56505/107	Conduit outlet CDEx-7 T 2.1/2NPT	
56505/108	Conduit outlet CDEx-8 T 3" NPT	
56505/109	Conduit outlet CDEx-10 T 4" NPT	
56506/101	Conduit outlet CDEx-1 TB 1/2NPT	
56506/102	Conduit outlet CDEx-2 TB 3/4NPT	
56506/103	Conduit outlet CDEx-3 TB 1" NPT	
56506/104	Conduit outlet CDEx-4 TB 1.1/4NPT	
56506/105	Conduit outlet CDEx-5 TB 1.1/2NPT	
56506/106	Conduit outlet CDEx-6 TB 2" NPT	
56506/107	Conduit outlet CDEx-7 TB 2.1/2NPT	
56506/108	Conduit outlet CDEx-8 TB 3" NPT	
56506/109	Conduit outlet CDEx-10 TB 4 NPT	
56507/101	Conduit outlet CDEx-1 X 1/2 NPT	
56507/102	Conduit outlet CDEx-2 X 3/4 NPT	
56507/103	Conduit outlet CDEx-3 X 1" NPT	
56507/104	Conduit outlet CDEx-4 X 1.1/4NPT	
56507/105	Conduit outlet CDEx-5 X 1.1/2NPT	
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