

Breather drains

Technical specification



The Exd /Exe (type CT) and the Exe (type CV) breather drain plugs effectively drain moisture from an enclosure and allow air from the enclosure to vent into the surrounding atmosphere, thereby minimising moisture build up.

Type CT (Exd/Exe) - Certifications and compliances

Code of protection categories

ATEX: II 2 GD, Ex e IIC Gb, Ex tb IIIC Db

IECEX: Ex d I/IIC Mb/Gb, Ex e I/IIC Mb/Gb, Ex tb IIIC Db, IP 6X

Compliance standards

ATEX / INMETRO / GOST: EN 60079-0, EN 60079-1, EN 60079-7,

EN 60079-31

IECEX: IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-31

Certificate details

ATEX: ITS 13ATEX17782X

IECEX: IECEX ITS 13.0018X

GOST: POCC GB.ГБ06.В01060

INMETRO: NCC 12.0927X

Temperature

Type CT (Exd/Exe) breather drain plug: -50°C to +150°C.

Ingress protection (IP):

Tested to IP66.

Type CV (Exe) - Certifications and compliances

Code of protection categories

ATEX: I M2, Ex e I Mb or II GD, Ex e IIC Gb, Ex tb IIIC Db

Nylon: - II 2 GD, Ex e II only.

IECEX: Ex e IIC Mb/Gb, Ex IIIC tb Db (metallic only)

GOST: ExdIIICU, ExeIIU, Nylon - ExeIIU only

INMETRO: BR-Ex e I/IIC Gb, BR-Ex tD A21, IP 66

Compliance standards

ATEX / INMETRO / GOST: EN 60079-0, EN 60079-7, EN 60079-31

IECEX: IEC 60079-0, IEC 60079-7, IEC 61241-1 (metallic only)

Certificate details

ATEX: Sira 10ATEX3279X, ITS16ATEX101338X

IECEX: IECEX SIR 09.0096X, IECEX ITS16.0014X

GOST: POCC GB.ГБ06.В01060

INMETRO: NCC 12.0926X

Temperature

Type CV (Exe) breather drain plug is classified as a component and therefore metallic products are not given an operating temperature.

Nylon temperature range: -20°C to +65°C; O-ring -30°C to +150°C.

Ingress protection (IP):

Tested to IP66.



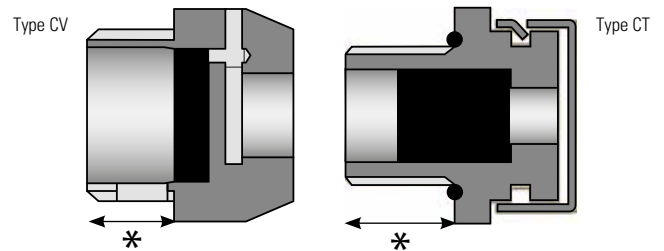
Product dimensions - type CT (Exd/Exe)

Thread	Hex A/F (mm)	Thread length (mm)	OAL (mm)
M20	27.0	16.0	31.0
M25	31.8	16.0	31.0
1/2" NPT	27.0	20.0	35.0
3/4" NPT	27.9	20.0	35.0

Product dimensions - type CV (Exe)

Thread	Diameter (mm)	Allen key (mm)	Head protusion (mm)
M16	20.0	10.0	14.0
M20	25.4	10.0	14.0
M25	30.5	10.0	14.0
M32	38.0	10.0	14.0
1/2" NPT	25.4	10.0	14.0
3/4" NPT	30.5	10.0	14.0
1" NPT	38.0	10.0	14.0

Other sizes / threads are available upon request.



* Minimum 8 full threads parallel, 5 full threads taper. (Exd)

PRODUCT CODING EXAMPLE	Breather drain	Brass	3/4" NPT	-	Exd / Exe	PART NUMBER
	CT	A	43	00	Y	= CTA4300Y

For full product coding details, consult page 29.