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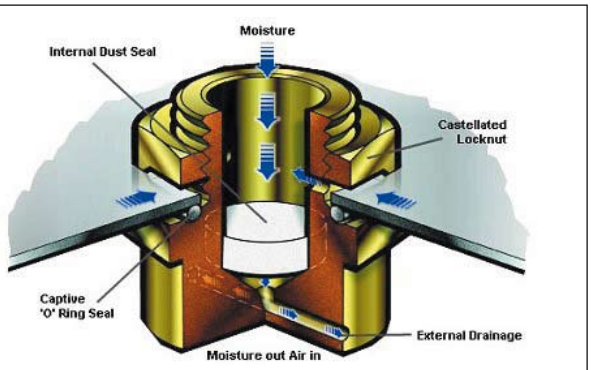
Accessories:- Breather Drain - Type ACDPE

Including type No's:

A	C	D	P	E	*
					B
					S
					N
					A

ACDPE Series Breather Drain provides a method of effectively draining any moisture within an enclosure whilst allowing the air inside the enclosure to breathe with the surrounding atmosphere. ACDPE series breather drains maintain Increased Safety Exe method of explosion protection and IP66 for IEC type applications.

CERTIFICATION	**CENELEC** SIRA99ATEX3050U I M2 II 2DG EExe I/II; II 2DG E Exe (Glass Filled Nylon and Aluminium) **CSA / A Ex** Class I, Zone 1, Exe II; Class I Division 2, Groups ABCD **GOST R-Exe II** POCC GB МТ14.B00030 IECEx Ex e II IECEx SIR 08.00244



APPLICATION	**Internal Dust Seal** provides ingress protection to IP66 and 4x, with the largest possible pore size to aid draining, whilst retaining filtration capabilities that remove debris from the moisture and retains it on the surface where it can easily be removed with compressed air. Additionally the structural strength and chemical resistance characteristics of the material enable the filter to meet the requirements of hazardous area installations **Castellated Locknut** allows moisture to pass between the locknut and the enclosure, draining via holes in the thread without any build up of moisture in the bottom of the enclosure **Captive 'O' Ring Seal** is located within a recess on the face of the breather drain again optimising ingress protection, ensuring the 'o'ring is not displaced during installation and helping protect the 'O' ring from the environmental damage **External Drainage** via two ports optimises ingress protection without compromising the draining capabilities
INGRESS PROTECTION	IP66, CSA Enclosure Type 4x, NEMA 4x
IMPACT RESISTANCE	20Nm. (7Nm GF Nylon and Aluminium)
OPERATING TEMPERATURES	-50°C to +85°C
MATERIALS	Brass CZ121 (ACDPEB) 316 Stainless Steel (ACDPES) Aluminium Alloy (ACDPEA) 30% Glass Filled Nylon (ACDPEN)
VARIATIONS	Clearance hole (10): 10mm length of thread, supplied complete with a castellated locknut and having 2 holes in the thread wall positioned directly opposite each other Threaded Entry: 15mm length of thread, either supplied with or without castellated locknut and having 3 holes in the thread wall, offset to provide a 9mm range to accommodate differing wall thickness'
THREADS	ISO Metric; NPT; NPS; ISO Pipe Thread (BSP Taper, BSP Parallel); PG
SEALS	The standard 'O' Ring material is Nitrile
PLATING	Zinc (ZP); Nickel (NP); Tin (TP); Electroless Nickel (EN)

EXAMPLE PART NUMBER	Sample: A**CDPEB/NP/M20/15** **ACDPEB** - Breather Drain type and material (Brass) **NP** - Nickel plating **M20** - Male thread size **15** - Male thread length (15mm) and drain holes in thread (x 3 offset)

DIMENSIONAL DATA				
Size	Hex A/F	Hex A/C	Thread Length	Head Length
M20 - 1/2" NPT	28.6mm	32.9mm	10 (2 Hole) or 15 (3 Hole)	15mm
M25 - 3/4"NPT	34.9mm	40.2mm		
All Dimensions are in Millimetres				

NOTES:

- 30% glass filled nylon variations are only available with 15mm length of thread version and are supplied with or without a brass castellated nut
- Installation instructions are supplied with the breather drain, the instructions must be read prior to installation and adhered to in full
- Unless otherwise stated ISO Metric entry threads have a 1.5mm pitch
- Where metallic breather drains are fitted into non-metallic Increased Safety Exe enclosures they must be included within the earth circuit of the system