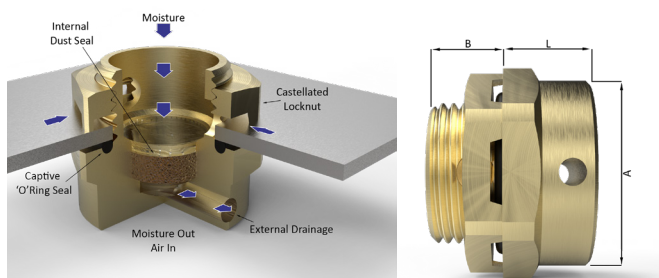




PRODUCT TYPE ACDP

Metallic Breather Drain

Ex eb : Ex ta IP66 : AEx eb : AEx ta



PART NUMBERS:

ACDP	O	B	E
	1	S	
	3	A	



PRODUCT DESCRIPTION

"ACDP" Series Breather Drains allow the inside of the equipment to breathe with the outside atmosphere and provide a method of effectively draining any moisture from within the equipment. ACDP series Breather Drains maintain Ex eb method of protection and IP66 for IEC type applications. A Castellated Locknut and O-ring is supplied with every Breather Drain.

COMPLIANCE STANDARDS:

EN 60079-0, EN 60079-7, EN 60079-31
IEC 60079-0, IEC 60079-7, IEC 60079-31 & 60529
C22.2 (see certificate), UL 514B, ANSI/UL 60079-0, UL 60079-7, UL 60079-31, UL 50E

EXAMPLE PART NUMBERING:
ACDP1B1E1NP/M20/T0

ACDP	Breather Drain c/w Castellated Locknut
1	No IP O-ring (O) - Nitrile (1) - Silicone (3)
B	Brass (B) - Stainless Steel (S) - Aluminium (A)
E	Multiple Certification
NP	Nickel Plated
M20	Male Entry Thread
T0	Entry Thread Length 10mm or 15mm
X	No Castellated Locknut (X) - Stainless Steel Sinter (S)

IP RATING:	IP66
OPERATING TEMPERATURE:	O-ring - None -100°C to +400°C O-ring - Nitrile -30°C to +100°C O-ring - Silicone -60°C to +200°C
MATERIALS:	Brass, Stainless Steel or Aluminium
PLATING:	Electroless Nickel
FLOW RATE:	0.25 Litres per Hour

CERTIFICATION:

ATEX	I M2 II 2GD Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da
IECEX	Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da
UL	Class I Zone 1 AEx eb IIC Gb / Zone 20 AEx ta IIIC Da
CEC - Canada	Class I Zone 1 Ex eb IIC / Class II Zone 20 Ex ta IIIC
NEC - USA	Class I Zone 1 AEx eb IIC Gb / Class II Zone 20 AEx ta IIIC Da
EAC	PTI Ex e I Mc X / 1Ex e IIC Gb X / Ex ta IIIC Da X
INMETRO - Brazil	Ex eb I Mb / Ex eb IIC Gb / Ex ta IIIC Da
SAC - China	Ex e IIC Gb
UKRAINE	I M2 Ex eb I Mb / II 2G Ex eb IIC Gb / II 1D Ex ta IIIC Da
CCoE - India	Ex e IIC Gc
ABS	Specified ABS Rules
LLOYD'S	Ex e I Mb / Ex e IIC Gb / Ex tb IIIC Db
RS - Russia	Ex e IC / Ex e IIC / Ex tb IIIC

CERTIFICATION No:

ATEX	CML 19ATEX3347X
IECEX	IECEX CML 19.0105X
UL	E340660
CEC - Canada	CSA 2310046
NEC - USA	CSA 2310046
EAC	TC RU C-GB.BH02.B.00693-18
INMETRO - Brazil	NCC 13.2191 X
SAC - China	NEPSI GYJ16.1407X
UKRAINE	CLJ 18.0319 X
CCoE - India	PESO P365300/8
ABS	20-LD1944057-PDA
LLOYD'S	10/00056(E1)
RS - Russia	19.00189.278

CABLE GLAND SELECTION TABLE
(ALL DIMENSIONS IN mm)

Thread Size	A/F [A]	A/C	Length [B]	Length [L]	Weight (Kgs)
M12 x 1.5	19.0	20.9	10 or 15	12.0	0.032
M16 x 1.5	24.0	26.4	10 or 15	12.0	0.052
M20 x 1.5	27.0	29.7	10 or 15	12.0	0.065
M25 x 1.5	31.8	34.9	10 or 15	12.0	0.097
M32 x 1.5	37.6	41.3	10 or 15	12.0	0.107
1/2" NPT	28.6	31.4	15	12.0	0.075
3/4" NPT	33.0	36.3	15	12.0	0.107

NOTES

- Assembly instructions must be read prior to installation and adhered to in full.
- All Breather Drains are supplied with Castellated locknut as standard.
- Aluminium versions are not suitable for Group I Mining application.
- The ACDP flow rate was obtained from testing in an empty enclosure filled with water.
- The enclosure had no heat or pressure producing equipment inside. Flow rates in the field may vary depending on operational parameters and surrounding environmental conditions.
- To maintain the specified IP rating, clearance holes must be in accordance with the supplied Peppers installation instructions and the device should be suitably secured.
- Peppers supply products with parallel entry threads that conform to the flameproof threaded joint requirements of IEC/EN 60079-1 and other equivalent standards. We usually incorporate a thread run out according to the general machining techniques and will not have a full form thread for the entire length. Peppers Cable Glands Limited will not be held responsible for clients' installations where this has not been taken into account.
- Where approval in addition to ATEX, IECEX, CSA and UL is required, this must be clearly requested at time of enquiry / order.