

Redapt DPE increased safety (Exe) breather/drains

Cl. I, Zone 1, Ex e II
IECEX/ATEX
NEMA 4X
IP66

5F
5F

Features:

- International Ex approvals
- IP66, CSA enclosure type (NEMA) 4X
- Available in two thread lengths: 10mm two drain holes or 15mm three drain holes
- Available in brass, stainless steel and glass-filled nylon
- Metric and NPT threads available

Certifications and compliances:

Code of protection categories:

- ATEX: I M2/II 2 GD, Ex e I/II Mb Gb, Ex tb IIIC Db IP66; nylon: II2GD, Ex e II Gb Ex tb IIIC Db IP66
- IECEX: Ex e I/II Mb/Gb, Ex tb IIIC Db IP66; nylon: Ex e IIC Gb, Ex tb Db IP66
- EAC: ExeIU nylon, ExeIIU IP66
- CSA: Class I, Zone 1, Ex e II IP66, CSA enclosure type 4X (NEMA 4X)

Compliance standards:

- ATEX: EN 60079-0, EN 60079-7, EN 60079-31
- IECEX: IEC 60079-0, IEC 60079-7, IEC 60079-31
- CSA: CSA standard C22.2 No. 0-M, CSA standard C22.2 No. 0.5, CSA standard C22.2 No. 94, CAN/CSA E79-7-95, UL2279

Certificate details:

- ATEX: ITS16 ATEX101338X
- IECEX: IECEX ITS 16.0014X
- EAC: TR RU C-GB.GB06.B.00106
- CSA: 185887-2500003408 (LR106084)

Standard materials:

- Brass CZ121
- 316 stainless steel
- Aluminum
- Glass-filled nylon

Plating options:

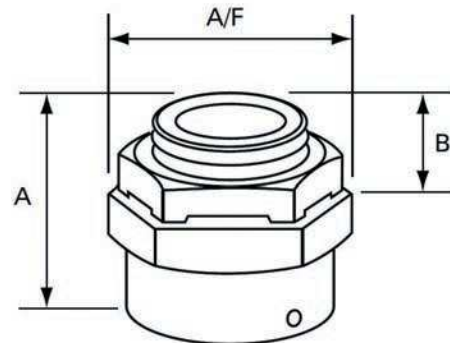
- Electroless nickel
- Zinc
- Others on application

Temperature ratings:

- Metallic body dependent on filter and seal material
- Nylon body: -50°C to +125°C, unless limited by filter material
- HDPE filter: -50°C to 85°C
- Metallic filter dependent on body and interface material
- Nitrile: -30°C to +100°C (supplied as standard)



Dimensions (in inches):



Size	A/F	Minimum overall length (A)	Minimum thread length (B)
M20	1.13	0.91	0.39
M25	1.37	0.91	0.39
M32	1.63	0.91	0.39
1/2" NPT	1.13	1.10	0.59
3/4" NPT	1.37	1.10	0.59
1" NPT	1.63	1.10	0.59

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Ordering information:

Part number example
DPE3029S3

DP

Certification

E	Exe I and IIC
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E

Material

1	Brass
3	Stainless steel
4	Glass-filled nylon ^A

Plating

0	Unplated
1	Electroless nickel
2	Zinc

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Thread type

04	M20
05	M25
06	M32
29	½" NPT
30	¾" NPT
31	1" NPT

S3

Thread length

S1	10mm, 2 holes, with castellated locknut
S2	10mm, 2 holes, without castellated locknut
S3	15mm, 3 holes, with castellated locknut
S4	15mm, 3 holes, without castellated locknut

Note: NPT threaded breather/drains are only available in S3 and S4 options.

^A Glass-filled nylon version is only available in S3 and S4 options, and is supplied complete with a brass castellated locknut.