Breathing gland in plastic
Series 8162/9

16640E00

> Degree of protection IP54
> Suitable for installation in 3/4" conduit hubs or drilled and tapped conduit openings
> Replaceable felt insert
> Condensation build-up in enclosure is kept to a minimum

The breather is designed for ventilation where there is the possibility of moisture or condensation being trapped within an enclosure.
They must be protected from severe impact.

	ATEX / IECEx						NEC 500					
								Class I		Class II		Class III
Zone	0	1	2	20	21	22	Division	1	2	1	2	1	2
For use in		x	x		x	x	For use in		x				

Selection Table

Version	Locknut	Thread size	Packaging unit	Art. no.	Weight
			pieces		kg
Breathing gland in plastic Series 8162/9	without locknut	NPT 3/4 "	1	**138577**	0.011
			100	**138582**	1.307

WebCode   8162B

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Explosion Protection

FM/UL

Gas and dust	NEC	Class I, Zones 1 & 2 AEx e II
		Class I, Division 2
	(UL)	LISTED - File No. E200949
	FM APPROVED	File No. 3000248

Certifications and certificates

Certificates	IECEx, ATEX, Canada (CSA), Kazakhstan (TR), Belarus (TR)

Technical Data

Ambient conditions

Ambient temperature	-20 ... +40 °C

Mechanical data

Degree of protection	IP54, Type 3R when installed in enclosures of the same rating
Material	
Breather	polyamide
Thread size	NPT 3/4 ″

Accessories and Spare Parts

Designation	Figure	Description		Art. no.	Weight kg
Felt washer	05571E00	polyamide	20 pieces	**138595**	0.200

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Dimensional drawings (all dimensions in mm[inch]) - subject to modifications

NPT [3/4]

15 [0,60]

36 [1,41]

27 [1,06]

ø 30 [ø 1,18]

16710E00
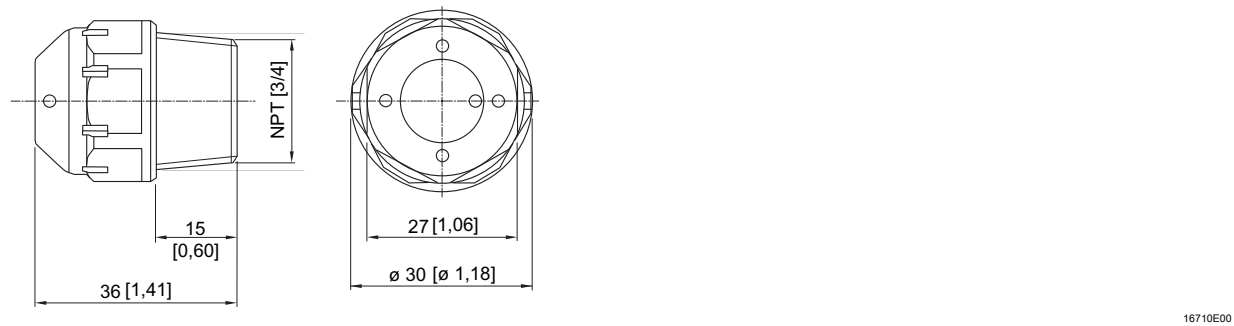
Operating mode

Explanation of the breather operating mode

P1

P2

16711E00

09142T00
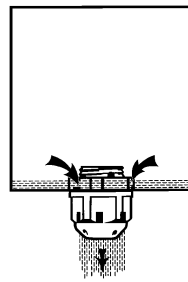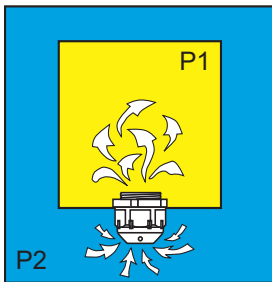
Temperature-dependent pressure differences between the interior of the enclosure (P1) and the external atmosphere (P2) are reliable by means of the breather. Condensation build-up in the enclosure is thus kept to a minimum.

Water which has penetrated the equipment drains out via the breather.

We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.

E10

Installation Equipment and Accessories E10/3