



Breathing Glands in Moulded Plastic Series 8162

- Explosion protection to
 - CENELEC
 - IEC
- For use in
 - Zone 1 and Zone 2
 - Zone 21 and Zone 22
- Explosion protection type „increased safety“
- For ventilation and draining Ex e enclosures
- Type of protection max. IP66

STAHL




Breathing glands provide continuous pressure equalisation between the inside of the enclosure and the atmosphere around the enclosure. In this way moisture is prevented from entering the enclosure via the seals and condensing inside the enclosure.

Zones 1 & 2, 21 & 22

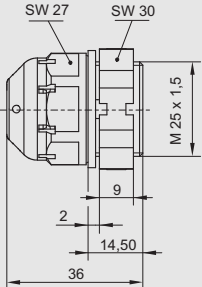


Selection Table					
Version	Locknut	Thread size	Packing unit pieces	Order number	Weight kg
Breathing gland in plastic Series 8162	without locknut	M25 x 1.5	1	138573	0.010
			20	138576	0.200
	with locknut	M25 x 1.5	1	138578	0.020
			20	138580	0.400

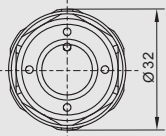
Technical Data	
Explosion protection	
Gas explosion protection	⊕ II 2 G Ex e II
Dust explosion protection	⊕ II 2 D Ex tD A21 IP66, IP64
Certificates	PTB 01 ATEX 1018
Other certificates	IECEX, Canada (CSA)
Type of protection	when fitting into enclosure side: IP64 for random installation IP66 for vertical installation, downwards
Material	
Breathing gland	Polyamide
Locknut	Polyamide
Thread	M25 x 1.5

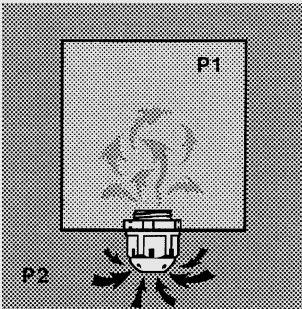
Accessories and Spare Parts					
Designation	Illustration	Description		Order number	Weight kg
Locknut		Polyamide; version slotted on both sides	1 piece	138596	0.004
			20 pieces	138598	0.200
Felt washer		Felt	20 pieces	138595	0.200
Sealing ring		M25 x 1.5 EPDM	1 piece	111771	0.001

Dimensional Drawings (All Dimensions in mm) - Subject to Alterations



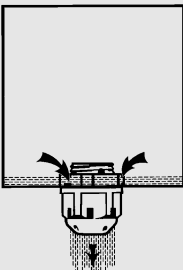
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07997E00

Temperature-related pressure differences between the inside of the enclosure (P1) and the surrounding atmosphere (P2) are balanced by the breather. The amount of condensation forming in the enclosure is thus kept to a minimum.



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

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