



01924E00

Breathing Gland 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 ventilating and draining EEx e enclosures
- Degree of protection max. IP 66

STAHL

Series 8162 breathing glands are suitable for installation in enclosures of type "increased safety"; EEx e. They provide for ventilating and drainage of explosion protected electrical equipment.

Zones 1 & 2, 21 & 22



Selection table

| Version | Locknut | Thread size | Packing unit piece | Ordering code | Weight kg |
|-------------------------------|-----------------|-------------|-----------------------|-------------------|--------------|
| Breathing gland in plastic | without locknut | M 25 x 1.5 | 1 | 8162001020 | 0,010 |
| | | | 20 | 8162002020 | 0,200 |
| | with locknut | M 25 x 1.5 | 1 | 8162003020 | 0,020 |
| | | | 20 | 8162004020 | 0,400 |

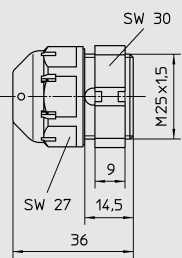
Technical Data

| | |
|---------------------------|--|
| Explosion protection | |
| Gas explosion protection | ⊕ II 2 G EEx e II |
| Dust explosion protection | ⊕ II 2 D IP 66 resp. IP 64 |
| Certificates | PTB 01 ATEX 1018 |
| Other certificates | IECEX, CSA (Canada) |
| Degree of Protection | when fitting into enclosure side IP 64 for random installation IP 66 for vertical installation, downward |
| Material | |
| Breathing gland | Polyamide |
| Locknut | Polyamide |
| Thread | M 25 x 1.5 |

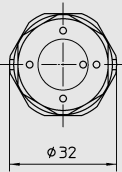
Accessories and spare parts

| Designation | Illustration | Description | | Ordering code | Weight kg |
|-------------|---|--|-----------|-------------------|--------------|
| Locknut |  | Polyamide; version slotted on both sides | 1 piece | 8162801910 | 0,010 |
| | | Polyamide; version slotted on both sides | 20 pieces | 8162802910 | 0,200 |
| Felt washer |  | Polyamide | 20 pieces | 8162801520 | 0,200 |

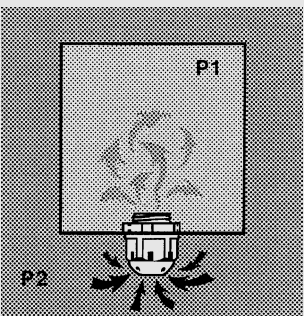
Dimension drawings (all dimensions in mm) - subject to alterations



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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.

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.

