



Breathing Gland in Moulded Plastic Series 8162

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Explosion protection type "increased safety"
- For ventilating and draining EEx e enclosures
- Degree of protection max. IP 56

STAHL

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

Zone 1 and Zone 2



Selection table

Description		Ordering code	Weight [kg]
Thread M 25 x 1,5 with lock nut	1 piece	81 620 03 02 0	0,02
	20 piece	81 620 04 02 0	0,40
without lock nut	1 piece	81 620 01 02 0	0,01
	20 piece	81 620 02 02 0	0,20

Technical data

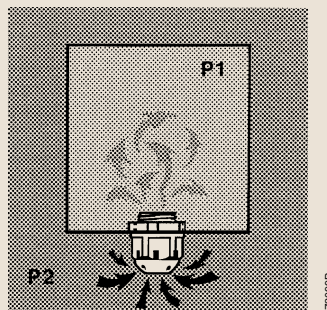
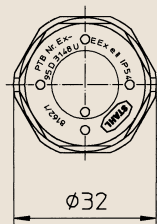
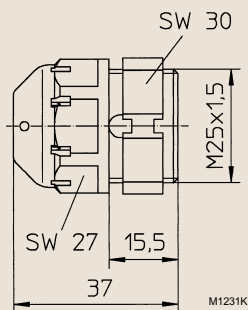
Explosion protection	EEx e II
Test certificate	PTB-No. Ex-95.D.3148 U other certificates: CSA (Canada), SEV (Switzerland), FTZU (Czech Republic), BKI (Hungary)
Degree of protection	when fitting into enclosure side below: IP 56 top: IP 54 side: IP 54
Material Breathing gland Lock nut	Polyamide Polyamide
Thread	M 25 x 1,5

Spare parts

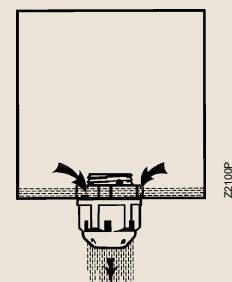
Designation	Description	Ordering code	Weight [kg]
Lock nut	 Polyamide; version slotted on both sides	1 piece	81 628 01 91 0
		20 piece	81 628 02 91 0
Felt washer	 Polyamide	20 piece	81 628 01 52 0



Dimensions (all dimensions in mm)



Temperature-dependent pressure differences between the interior of an enclosure (P1) and the external atmosphere (P2) are reliably equalized by means of the breathing gland. Condensation build-up in the enclosure is thus kept to a minimum.



Water which has penetrated the equipment can flow away via the breathing gland.