



- Improves safety by preventing condensation from building up in enclosures
- Continuous pressure equalisation between the enclosure and the environment
- Ex e type of protection (increased safety), max. degree of protection IP65

E10

MY R. STAHL 8162A

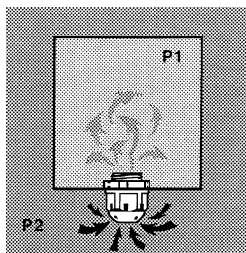


R. STAHL's Series 8162 breathers ensure continuous pressure equalisation between the inside of the enclosure and the surrounding environment. This ventilation prevents moisture from entering the enclosure via the seals and condensing inside the enclosure. The breathers are made of moulded material and meet the requirements of degrees of protection up to IP65.

	IECEX / ATEX					
Zone	0	1	2	20	21	22
Installation in		•	•		•	•

Selection Table					
Material	Polyamide, Glass fibre reinforced				
Nuts available	Thread size	Packaging unit	Art. No.	Weight	
With nut	M25	20	285801	400 g	

Technical Data	
Explosion Protection	
IECEX gas explosion protection	Ex eb IIC Gb
IECEX dust explosion protection	Ex tb IIIC Db
ATEX gas explosion protection	Ex II 2 G Ex eb IIC Gb
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC Db
Certificates	ATEX (PTB), IECEX (PTB), USA (FM)
Declaration of Conformity	ATEX (EUK)
Ambient Conditions	
Ambient temperature	-40 °C ... +70 °C
Mechanical Data	
Degree of protection (IP)	IP65
Degree of protection note	when installed in enclosure side: IP64 for vertical installation IP65 for vertical downward installation
Material	Polyamide, Glass fibre reinforced
Silicone-free	Yes
Mounting instruction	only permitted in enclosures with through hole



Pressure differences between the inside of the enclosure (P1) and the surrounding atmosphere (P2) due to temperature are reliably equalised by the breather. This minimises the build-up of condensation in the enclosure.

