

8162/9-NPT3/4-2 Art. No. 271274



- Improves safety by preventing condensation from building up in enclosures
- continuous pressure equalisation between the enclosure and the environment
- type of protection Ex e (increased safety), max. degree of protection IP54

MY R. STAHL 8162B



R. STAHL's 8162 series breathers provide continuous pressure equalisation between the inside of the enclosure and the atmosphere around the enclosure. This ventilation prevents moisture from entering the enclosure via the seals and condensing inside the enclosure. The breathers are made from moulded material and meet the requirements of degrees of protection up to IP54.

## Technical Data

### Explosion Protection

Application range (zones)	1 2 21 22
IECEX gas certificate	IECEX PTB 06.0028
IECEX gas explosion protection	Ex eb IIC Gb
IECEX dust certificate	IECEX PTB 06.0028
IECEX dust explosion protection	Ex tb IIIC Db
ATEX gas certificate	PTB 01 ATEX 1018
ATEX gas explosion protection	Ex II 2 G Ex eb IIC Gb
ATEX dust certificate	PTB 01 ATEX 1018
ATEX dust explosion protection	Ex II 2 D Ex tb IIIC Db
Certificates	USA (FM), USA (UL)

### Ambient Conditions

Ambient temperature	-40 °C ... +70 °C
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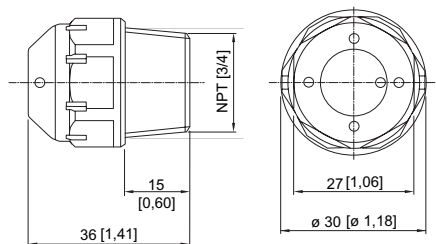
### Mechanical Data

Degree of protection (IP)	IP54
Material	Polyamide
Material 2	Glass fibre reinforced
Silicone-free	Yes
Width across corners	32.5 mm
Thread size	NPT3/4
Thread pitch	14 TPI
Nuts available	Without nut
Packaging unit	100
Weight	1.31 kg
Weight	2.88 lb

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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



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.