

Pneumatic Audible Air Horns - Series 842

Our *Pneumatic Audible Alarm Horns (Air Horns)* are used for any application where an **audible alarm warning** is required. Our Air Horns are compatible with Series 400 annunciators, 300 & 700 Series Pneumatic Pressure Switches.

General Specification

Trumpet Material:	ABS Plastic
Paint Finish:	N/A
Base and Diaphragm Mounting:	Thermoplastic & Zinc Plated Steel
Diaphragm:	Brass
Rear Cover:	Polyethylene
Pneumatic Connection:	Brass (available for 6mm. or 1/4" metal, nylon, plastic tubing or PVC covered copper tube)
Mounting:	M6 x 12 stud fitted with nut and washer
Frequency Hz:	842-1: 784
	842-2: 622
	842-3: 523
Length (mm):	842-1: 160
	842-2: 210
	842-3: 280
Diameter (mm):	80
Output:	118 dB at 1 m. distance (falls by 6 dB each 2 m.)
Operational Pressure:	0.5 to 1.5 Bar
Air Consumption:	15 to 30 NI/min
Observations:	For operation with a 1.5 to 4 bar supply a 2 mm diameter restriction should be fitted / For operation with a 4 to 10 bar supply a 1 mm diameter restriction should be fitted
Instructions:	The trumpet should be tilted downwards to prevent dust or water ingress. They can be mounted inside an enclosure provided that venting is sufficient to prevent pressure build up within the enclosure. The end of the horn should not be obstructed (minimum clearance of 25mm).



842 - Series



For other options, please contact us Sales@rototherm.co.uk or +44 (0)1656 740551

Main Applications

A **world leader** in positioners, Rototherm has become the standard for accurate and reliable measurement across the following industries:



Power Generation



Oil & Gas



Pharmaceutical



Chemical, Petrochemical & Refining



Waste Water

Ordering Information

842 Pneumatic Positioner	STANDARD →	842	1	5
Frequency	784 Hz		1	
	622 Hz		2	
	523 Hz		3	
Supply Connections	Nut and metal olive for 1/4" o.d. tube			5
	Nut with synthetic rubber seal for 1/4" o.d. tube			6
	Nut and metal olive for 6mm. o.d. tube			7
	Nut with synthetic rubber seal for 6mm. o.d. tube			8
	Nut with PVC covered 1/4" copper tube (5/16" o.d.)			IC

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Technical Certification

- Certificate of conformity
- Factory Test Certificate
- Factory Calibration Certificate (3 point)
- Factory Calibration Certificate (5 point)
- Material Certificate

Export Documentation

- Certificate of Origin
- EUR1
- ATR

Calibration and After-Sales Support

- Fully trained field service personnel
- Use of UKAS certified calibration equipment
- 5 day turnaround
- Fixed pricing
- Approved manufacturer parts
- Full post-service reports
- 12 month warranty



For more information, please contact our service team services@rototherm.co.uk