

PDS Horn kit

General

PDS Horn kit is a low consumption pneumatic horn. It requires a pneumatic pressure from to 4-14.7 MPa (147 bar). It is intended for use in conjunction with the Fire Eater PDS II system and may typically be used between the Pilot cylinder and the time delay unit to give a pre-warning signal.

Specifications

Connections:	ø6 mm tube (Swagelok style)
Pressure after regulator:	approx. 2 bar (adjusted to horn sound)
Consumption:	less than 10 l/minute (4.4 l/min)
Tube B (high pressure)	
Pressure rating:	As pressure source (8-14.7 MPa)
Length (B):	Max 1 meter
Tube C (low pressure)	
Pressure rating:	10 bar
Length (C):	Max 100 meters
Sound Level	
2 Bar/1 m:	116 dB(C), 118 dB(Z)

Installation

If to be used with PDS Pilot and Delay and to be used for pre-activation warning, insert the tee in the line between the pilot and delay unit as shown on the drawing.

Connect the regulator outlet to the horn with a suitable line. Plastic may be used, but most installations may require stainless tubing or similar due to fire resistance and robustness.

If any of the pneumatic lines are routed through sheet metal or casings, suitable protection must be used. Rubber bushings for routing through cabinet walls are included in the delivery.

Maintenance

Clean with soap and water and beware nothing falls into the horn.

Routine testing

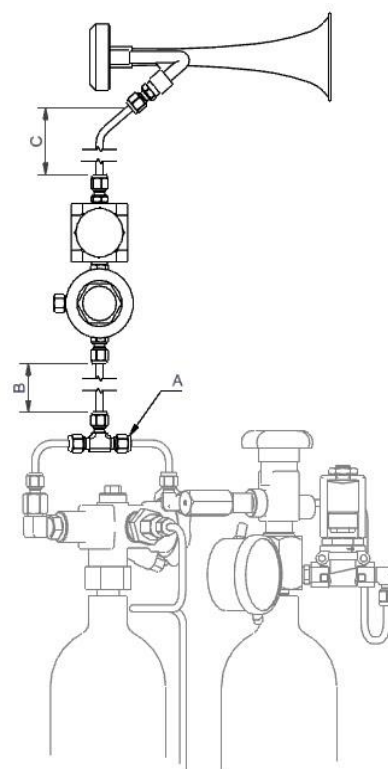
As local authorities require, recommended twice a year.

Parts in the kit

308124-1	PDS Horn
308120	Valve regulator 200 bar
214035	Comprs fit ø6 Tee
702316	Seal rubber bush

Replaceable parts

214035	Comprs fit ø6 Tee
505231	Heat Shrink End Cap 42 mm (used after calibration)



Document:

308270 PDS Horn Kit

Text

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Control inert

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