



1. APPLICATION

The pneumatic time delay device(Fig.1.1) is designed for CO₂ or N₂ pilot gas systems.

Issued to delay the firing pressure from actuating the gas cylinders or the main pressure operated distribution valve. The pilot gas pipes is fed from the pilot gas cylinder into inlet and than from the outlet the cylinder's or valve.

2. INSTALLATION

The time delay device must be install in accordance with the general arrangement drawings and the CO₂ room arrangement drawing.

The time delay device must install always in vertical position as shown Fig.2.1.

While installation use clamp which coming with pneumatic time delay device. Use 1/8" to 1/4" reduction nipples for inlets and outlets.

Please connect DN6(1/8") chrome pipes to the time delay device. See Fig 2.1 for sample of installed time delay device.

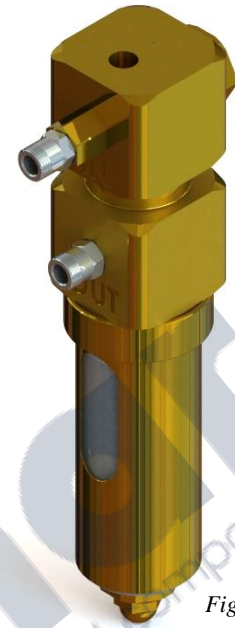


Figure 1.1



Figure 2.1

3. MECHANICAL PROPERTIES

For other mechanical details please see table 3.1 below.

MECHANICAL PROPERTIES	
METARIAL	BRASS
INLET PRESSURE	21 [bar] - 120 [bar]
OUTLET PRESSURE	21 [bar] - 120 [bar]
WEIGHT	2 [kg]
TIME	0 sec. to 120 sec.

Table 3.1 MECHANICAL PROPERTIES OF PNEUMATIC TIME DELAY



4. MAINTANANCE

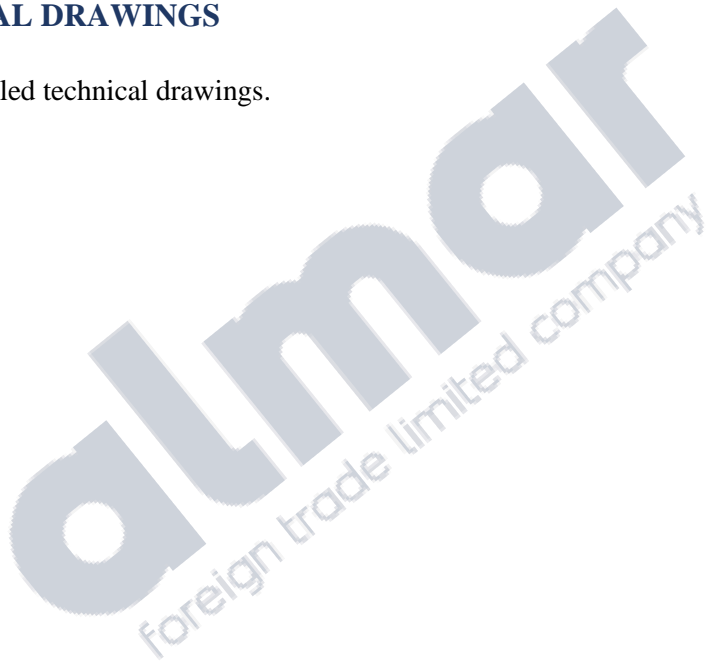
Full maintenance should be performed by persons specially trained in the maintenance of such systems, e.g. manufacturer or recognised service company

The time delay device must be in a good condition (no scratches, squashed, rusty e.g.)

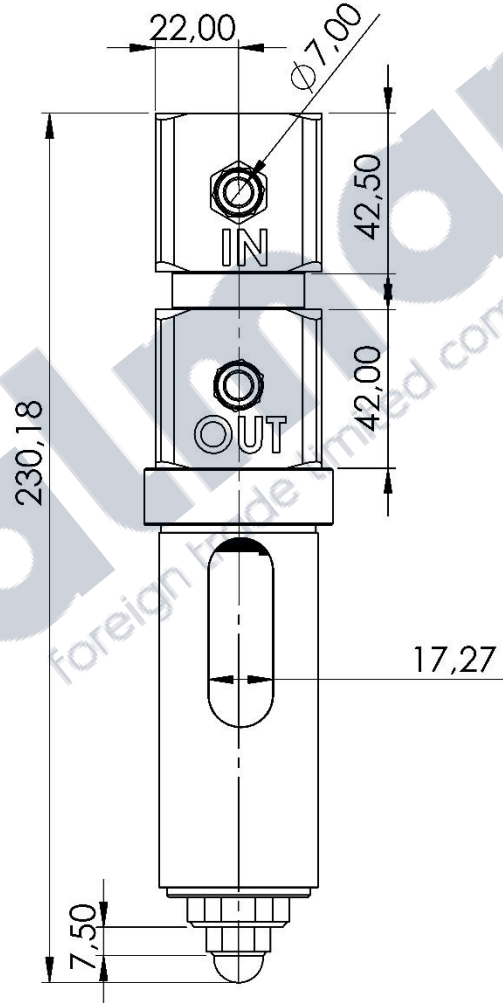
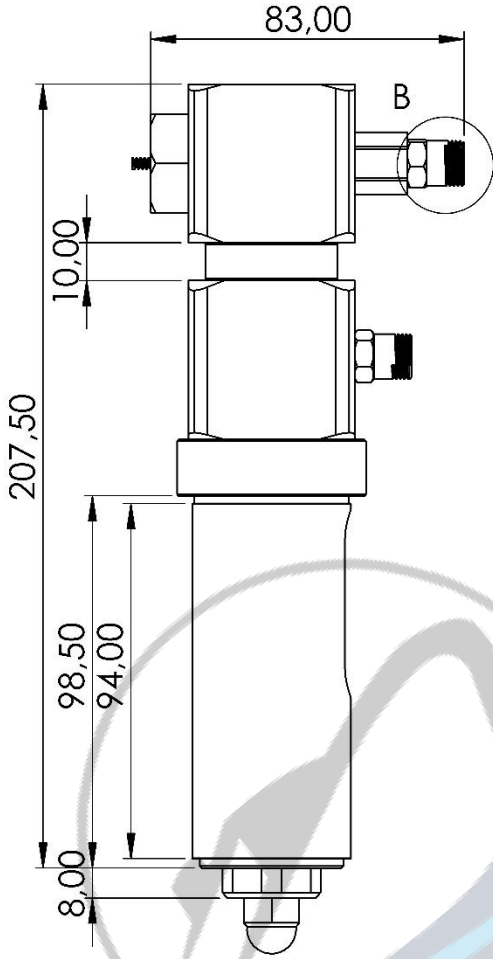
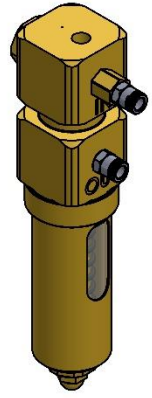
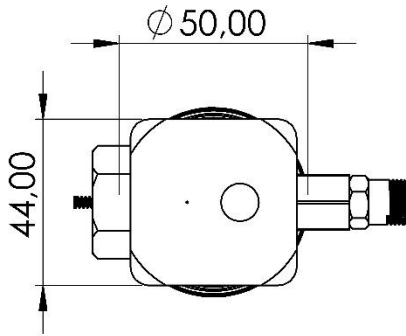
Allow 30 minutes for fluid stabilization before any testing.

5. DIMENSIONS & TECHNICAL DRAWINGS

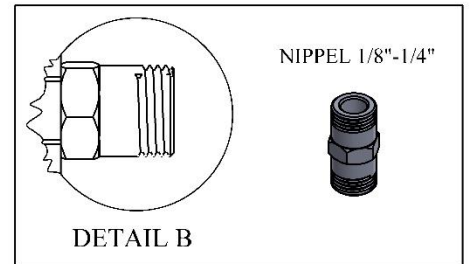
Please see following page for detailed technical drawings.




PNEUMATIC TIME DELAY



Comment: Pneumatic time delay device comes assembled with 1/8" to 1/4" nipple at in and out as given "DETAIL B". For more information please see datasheet AL20-40017Sept20-Rev01
NOTE: ALL DIMENSIONS ARE GIVEN AS MILLIMETERS



DRAWING NO:	POS. NO. 44	PROUODUCT NO: AL20-40017	DATASHEET: AL20-40017Sept20-Rev01	PAGE: A4
DESIGNED BY: ALİ ARMAĞAN	CHEKED BY: ÇAĞLAR LATİFOĞLU	APPROVED BY: ERDİNÇ LATİFOĞLU	DATE: 09/09/2020	SCALE: 1:2
		PROJECT / PROUODUCT: PNEUMATIC TIME DELAY		
		WEIGHT: 2KG	METARIAL: BRASS	REVISION: Sept20-Rev01