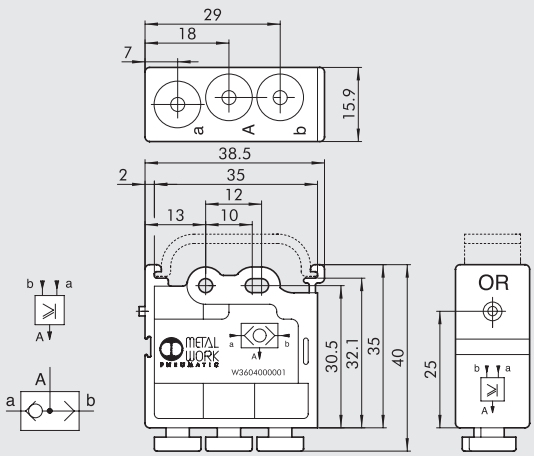
PNEUMATIC LOGIC

Metal Work logic elements are available with 5 different functions:
OR, AND, NOT, YES, MEMORY.
Main features common to all elements:
- Adaptor for Ω bar (DIN EN 50022) integral with the body.
- Built-in pressure indicator.
- Pipe locking system using Ø 4 built-in fittings.



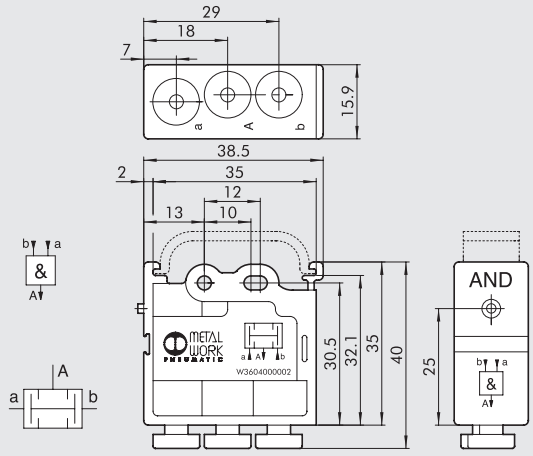
TECHNICAL DATA		
Operating temperature	°C	– 10 to + 60
Valve fitting		Push-in fitting for Ø 4 pipe
Pressure range	bar	OR - AND: from 1.5 to 8 bar
		YES-NOT -MEMORY: from 0 to 8 bar, pilot pressure from 1.5 to 8 bar
		NOT: 6 bar switching thereshold = 0.4
Nominal diameter	mm	2.7
Flow rate at 6 bar (0.6 MPa-87 psi) ΔP 1 bar (0.1 Mpa-14.5 psi)	Nl/min	100
Fluid		Lubricated or unlubricated filtered compressed air; must be uninterrupted when lubricated
Recommended lubricant		ISO and UNI FD22
Actionament		Via compressed air
Reset		AND-OR: via compressed air
		YES-NOT via mechanical spring
		MEMORY: via compressed air
Installation		In any position
Mounted		On Omega bar (DIN EN 50022) size 35 x 7 or 35 x 15
		Wall-mounted with Ø 4.2 holes
MATERIALS		
Body		Technopolymer
Spool		Aluminium
Seal		NBR

LOGIC ELEMENT: OR



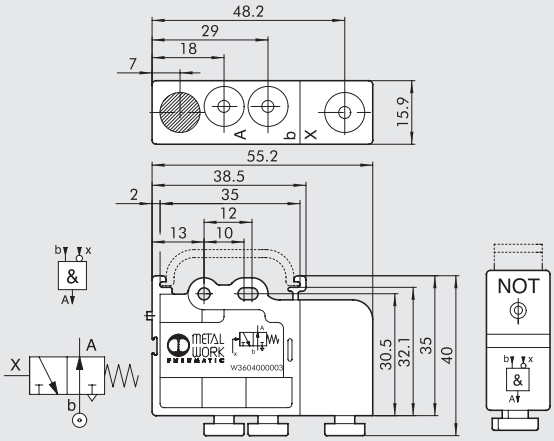
Code	Description
W3604000001	OR - logic product

LOGIC ELEMENT: AND



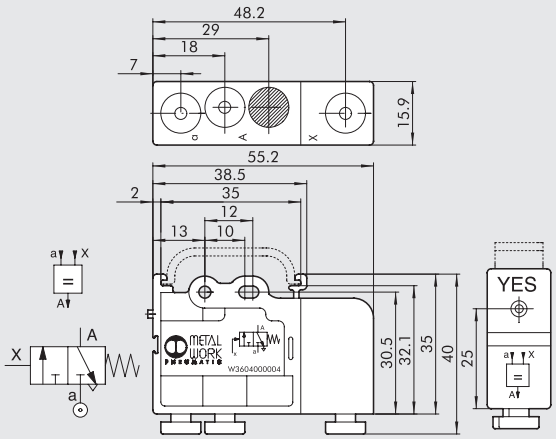
Code	Description
W3604000002	AND - logic sum

LOGIC ELEMENT: NOT



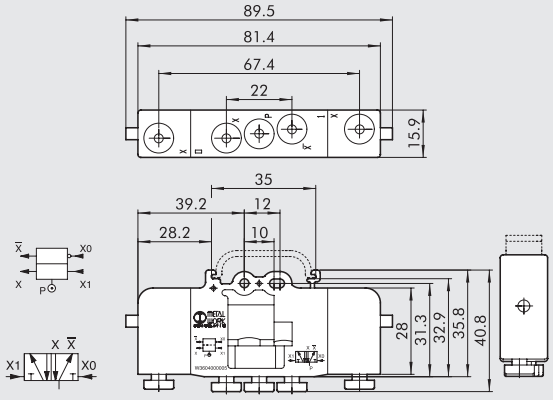
Code	Description
W3604000003	NOT - Negation

LOGIC ELEMENT: YES



Code	Description
W3604000004	YES - Affirmation

LOGIC ELEMENT: MEMORY



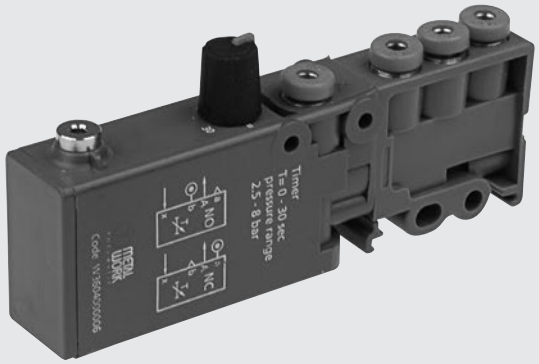
Code	Description
W3604000005	Memory

NOTES

TIMER

The Timer is part of Metal Work range of logic elements, which also includes OR, AND, NOT, YES, MEMORY.
The value of the signal output delay is set by rotating a knob. It can work both as 3/2 NC and 3/2 NO, depending on whether feeding is through port "a" or port "b".
The maximum delay time can be increased by unscrewing a plug and connecting the port to an external auxiliary tank.

- Adaptor for Ω bar (DIN EN 50022) integrated in the body.
- Pressure indicator via an orange pin
- Pipe clamping system using Ø 4 built-in push-on fittings.

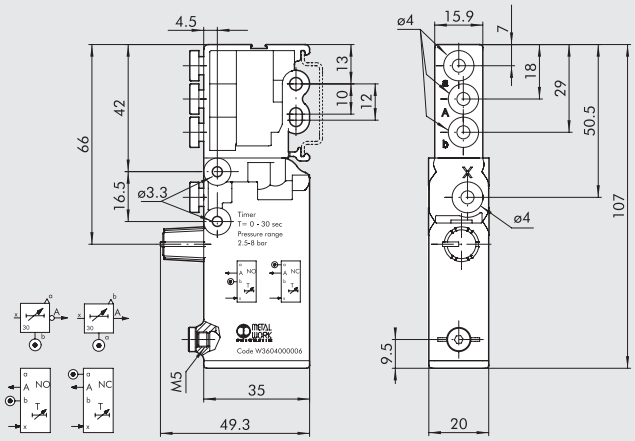


TECHNICAL DATA

Temperature range	°C	– 10 to + 60
Valve coupling	mm	Push-in fitting for Ø 4 pipe
Pressure range	bar	From 2.5 to 8
Nominal diameter	mm	2.7
Flow rate at 6 bar (0.6 Mpa, 87 psi) ΔP 1 bar (0.1 Mpa, 14.5 psi)	Nl/min	100
Delay setting range	s	From 0 to 30, at 6 bar
Signal shutoff time	s	< 0.1
Repeatability	s	± 0.4
Fluid		Filtered, lubricated or unlubricated compressed air. If used, must be continuous
Operating		By compressed air
Repositioning		By mechanical spring
Installation		In any direction
Assembly		On Ω bar (DIN EN 50022) size 35 x 7 o 35 x 15 - Wall mounting using Ø 4.2 holes
MATERIALS		
Body		Anodised aluminium / Technopolymer
Internal parts		Brass / Technopolymer
Gaskets		NBR
Spring		Spring steel

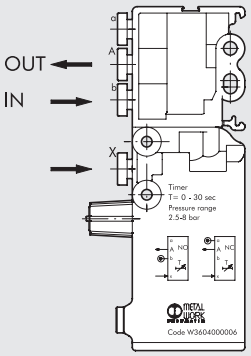
DIMENSIONS AND ORDERING CODES

Code	Description
W3604000006	Timer

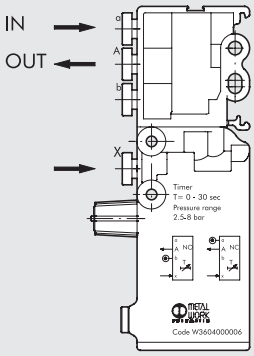


NORMALLY OPEN AND NORMALLY CLOSED OPERATION

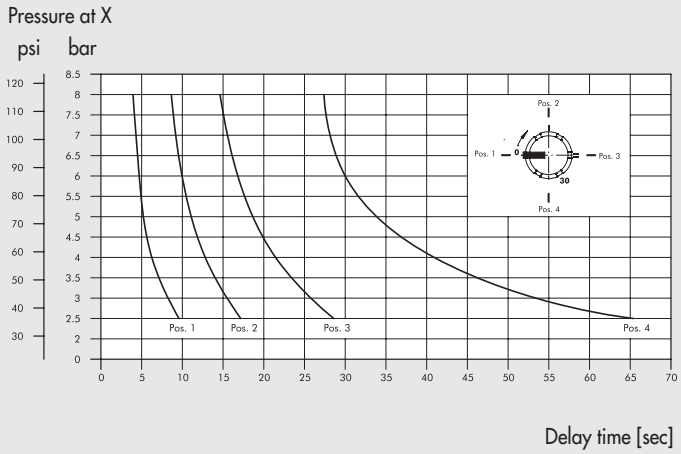
NO



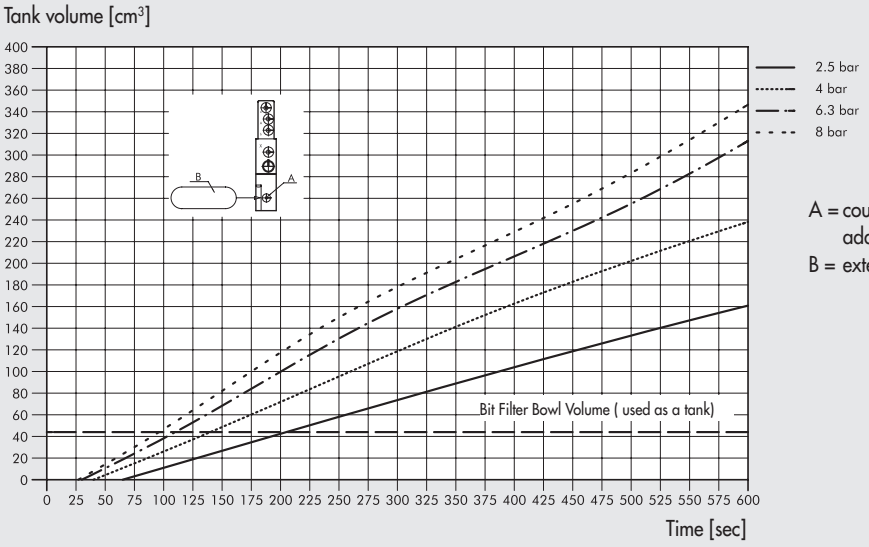
NC



CHANGE IN THE DELAY WITH CHANGE IN PRESSURE AND KNOB POSITION



HOW TO INCREASE THE DELAY



A = coupling (plugged) for external additional tanks
B = external tank

NOTES