

# 3/2-directional valve, electrically operated, Series NL2-SOV

- Compressed air connection G 1/4
- Pipe connection
- Electrical connection: Plug, ISO 6952, form B



Type Poppet valve, Can be assembled into

blocks

Parts 3/2-directional valve, electrically operated

Nominal flow  $1 \triangleright 2$  1100 l/min Nominal flow  $2 \triangleright 3$  450 l/min Working pressure min./max. 2,5 ... 10 bar

Medium Compressed air Neutral gases

Protection class acc. to DIN EN 61140 IP65

with plug

Duty cycle 100 %

Weight See table below

# Technical data

Part No.			Compressed air connection input Compressed air connection output		Exhaust
0821300922	2 1 1 1 3	_	G 1/4	G 1/4	G 1/4
0821300923	2 13 13	_	G 1/4	G 1/4	G 1/4
0821300924		_	G 1/4	G 1/4	G 1/4
0821300929	N 2		G 1/4	G 1/4	G 1/4

Part No.	Operational voltage	Operational voltage	Operational voltage
	DC	AC 50 Hz	AC 60 Hz
0821300922	24 V	-	-
0821300923	-	230 V	230 V
0821300924	-	-	-
0821300929	-	-	-

Part No.	Power consumption	Holding power	Switch-on power	Manual override
	DC	AC 50 Hz	AC 50 Hz	
0821300922	4,8 W	-	-	-
0821300923	-	8,5 VA	11,8 VA	-
0821300924	-	-	-	-
0821300929	-	-	-	with detent

	Part No.	Electrical connection	Connector standard	basic valve with electrical connector		
		Pilot valve				
08	21300922	Plug, ISO 6952, form B	ISO 6952	-		



Part No.	Electrical connection Pilot valve	Connector standard	basic valve with electrical connector
0821300923	Plug, ISO 6952, form B	ISO 6952	-
0821300924	Plug, ISO 6952, form B	-	pilot valve without coil
0821300929	Plug, ISO 6952, form B	-	pilot valve without coil

Part No.	Reverse polarity protection	Weight
0821300922	Protected against polarity reversal	0,45 kg
0821300923	Protected against polarity reversal	0,45 kg
0821300924	Protected against polarity reversal	0,49 kg
0821300929	Protected against polarity reversal	0,45 kg

Nominal flow Qn with secondary pressure p2 = 6 bar at  $\Delta p$  = 0.1 bar

## Technical information

The pressure dew point must be at least 15  $^{\circ}$ C under ambient and medium temperature and may not exceed 3  $^{\circ}$ C . A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180 $^{\circ}$  about the vertical axis. Please see the operating instructions for further details.

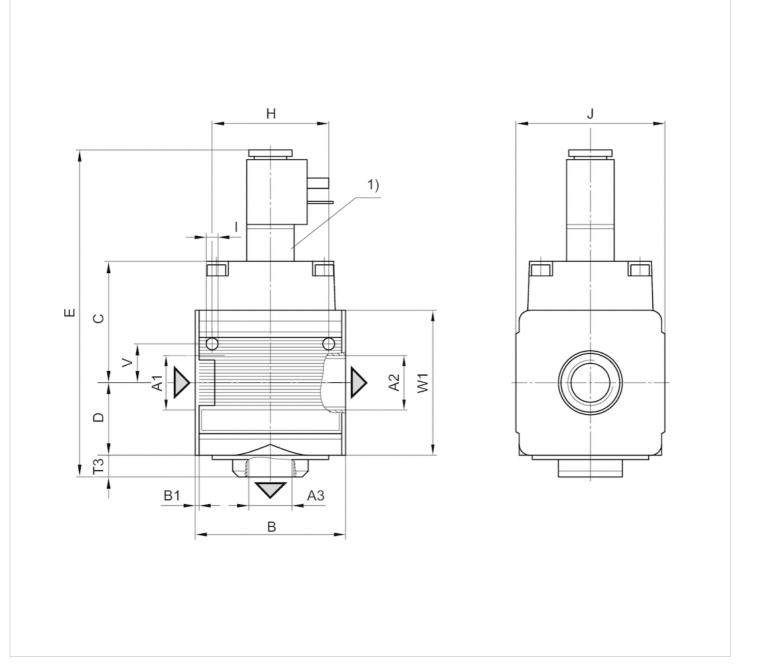
# Technical information

Material	
Housing	Die cast zinc
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene styrene



# Dimensions

#### Dimensions



A1 = input

A2 = output

A3 = output

1) electrically operated

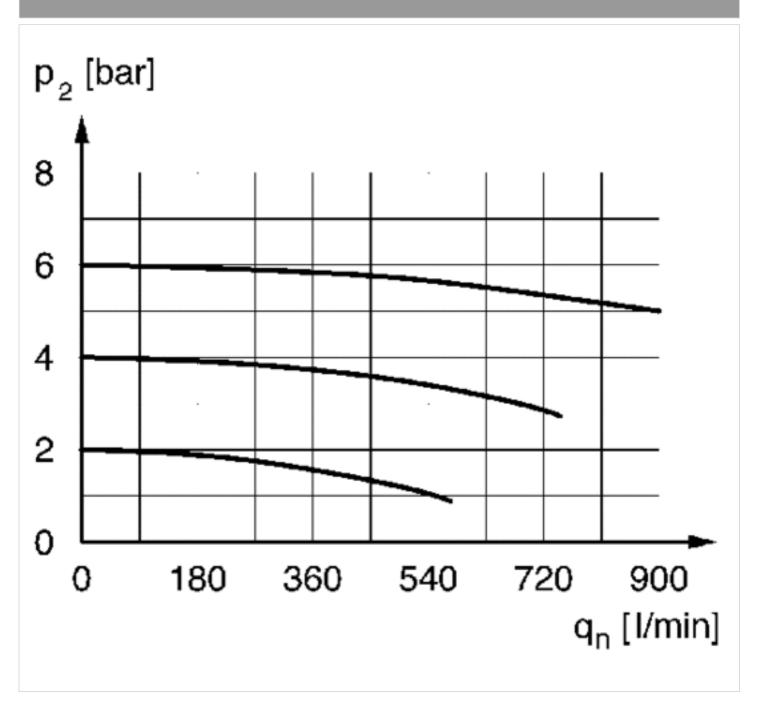
#### Dimensions in mm

A1	A2	A3	В	B1	С	D	Е	Н		J	T3	V	W1
G 1/4	G 1/4	G 1/4	48	1.5	44	26	131	36	4.4	47	10	12.3	52



# Diagrams

## Flow rate characteristic



p2 = secondary pressure

qn = nominal flow

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