

2x3/2-directional valve, Series HF03-LG

- For series : HF03-LG, CL03
- 2x3/2
- Qn = 850 l/min
- Pilot valve width : 16 mm
- NC/NC NO/NO NC/NO NO/NC
- Plate connection
- Manual override : without detent
- Pilot : External



Туре Activation Pilot Sealing principle Blocking principle Certificates Working pressure min./max. Control pressure min./max. Ambient temperature min./max. Medium temperature min./max. Medium Max. particle size Oil content of compressed air Nominal flow Qn Pilot control exhaust Protection class with connection Protective circuit Reverse polarity protection LED status display Duty cycle Typ. switch-on time Typ. switch-off time mounting screws Mounting screw tightening torque Weight

Spool valve, positive overlapping Electrically External Soft sealing Single base plate principle UR (Underwriters Laboratories) -0,9 ... 10 bar 2,5 ... 10 bar 0 ... 50 °C 0 ... 50 °C Compressed air 5 µm 0 ... 5 mg/m³ 850 l/min With collective pilot air exhaust IP65 Z-diode Protected against polarity reversal Yellow 100 % 16 ms 25 ms cross recessed DIN EN ISO 4757-Z1 1.3 Nm 0,082 kg

Technical data

Part No.		МО		Operational voltage	Voltage tolerance
				DC	DC
0820055102	and the state of the		NC/NC	24 V	-15% / +20%
0820055202	8.121 th 8.121 th		NO/NO	24 V	-15% / +20%
0820055302	a la a a a a a a a a a a a a a a a a a		NC/NO	24 V	-15% / +20%
0820055312			NO/NC	24 V	-15% / +20%
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Part No.	Power consumption	Flow conductance	Flow conductance
	DC	b	C-value
0820055102	0,35 W	0,22	2,97 l/(s*bar)
0820055202	0,35 W	0,22	2,97 l/(s*bar)



Part No.	Power consumption	Flow conductance	Flow conductance
	DC	b	C-value
0820055302	0,35 W	0,22	2,97 l/(s*bar)
0820055312	0,35 W	0,22	2,97 l/(s*bar)

Nominal flow Qn at 6 bar and $\Delta p = 1$ bar, MO = Manual override

Technical information

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

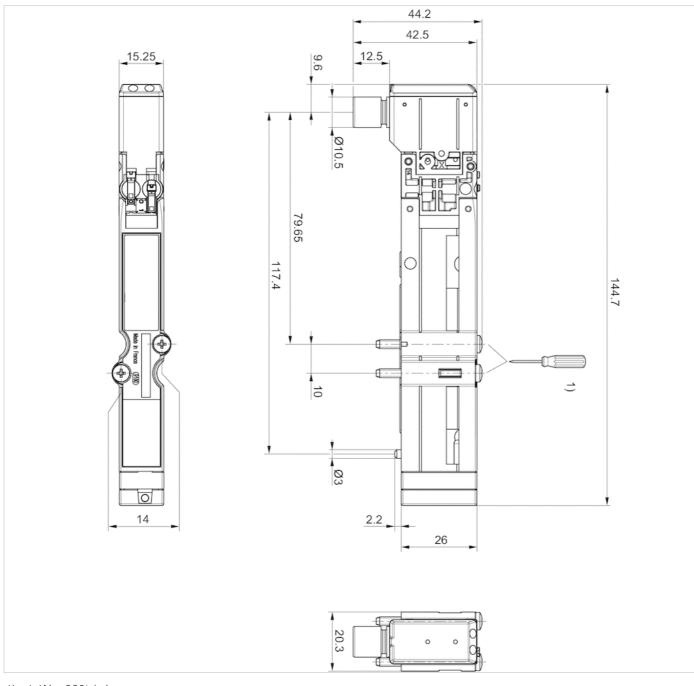
The pilot type (external/internal) is not implemented in the valve, but in the end plate of the valve system. The pilot valve is UL (Underwriters Laboratories) certified.

Technical information

Material	
Housing	Polyamide fiber-glass reinforced
Seals	Acrylonitrile butadiene rubber



Dimensions



1) =1.1Nm 800tr/min. max.



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