

5/2-directional valve, Series CD12
► Qn = 4100 l/min ► pipe connection ► compressed air connection output: M22x1,5 ► suitable for ATEX


00134161

Version	Spool valve, zero overlap
Sealing principle	Soft sealing
Working pressure min./max.	-0.95 bar / 16 bar
Control pressure min./max.	2 bar / 10 bar
Ambient temperature min./max.	See table below
Medium temperature min./max.	See table below
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 mg/m³ - 1 mg/m³
Materials:	
Housing	Aluminum; Polyamide, fiber-glass reinforced
Seals	Acrylonitrile Butadiene Rubber; Polyurethane

Technical Remarks

- 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, see chapter „Technical information“.

	Compressed air connection				Flow rate value	Ambient temperature min./max.	Medium temperature min./max.	Weight	Fig.	Part No.
	Input	Output	Exhaust	Pilot control exhaust						
					[l/min]	[°C]	[°C]	[kg]		
	M22x1,5	M22x1,5	M22x1,5	G 1/8	4100	-25 °C / +70 °C	-25 °C / +70 °C	0.86	Fig. 2	5711000000
	M22x1,5	M22x1,5	M22x1,5	G 1/8	4100	-15 °C / +70 °C	-15 °C / +70 °C	0.86	Fig. 1	R412013343
	M22x1,5	M22x1,5	M22x1,5	G 1/8	4100	-25 °C / +70 °C	-25 °C / +70 °C	0.86	Fig. 2	R412013344
Nominal flow Qn at 6 bar and Δp = 1 bar										