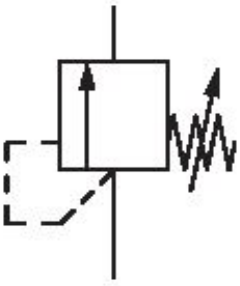
Pressure relief valve, Series MU1

0821302031

General series information
Series MU1

- The AVENTICS Series MU1 components are ideal for applications in harsh environments. They offer large thread connections to guarantee a high compressed air flow rate and provide reliable filtration, regulation and lubrication.





Technical data

Industry	Industrial
Parts	Pressure relief valve
Compressed air connection	G 1/4
Compressed air connection input	G 1/4
Compressed air connection output	G 1/4
Working pressure min.	0 bar
Working pressure max	10 bar
Regulation range min.	0.15 bar
Regulation range max.	3 bar
Medium	Compressed air Neutral gases
Max. particle size	5 µm

Nominal flow Qn	300 l/min
Weight	0.12 kg
Housing material	Die cast zinc
Part No.	0821302031

Technical information

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

Mounting with mounting bracket 1821331013

panel installation

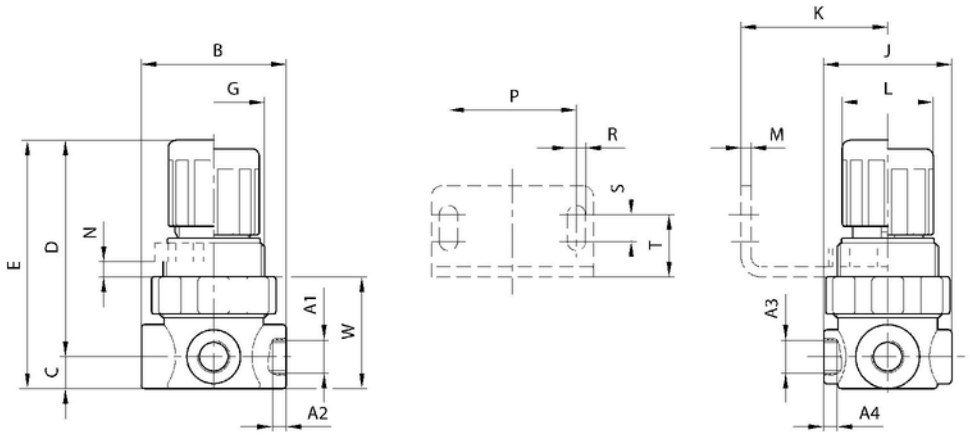
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

The pressure dew point must be at least 15 °C less than 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 https://www.emerson.com/en-us/support).

Dimensions

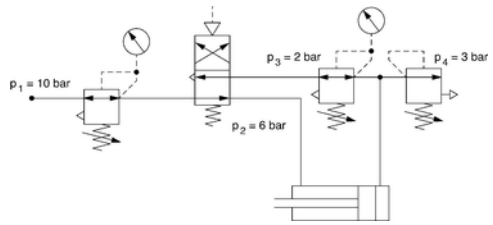


Part No.	A1	A2	A3	A4	B	C	D	E	G
0821302043	G1/8	8	G1/8	8	43	9.5	61	70.5	M30x1.5
0821302044	G1/8	8	G1/8	8	43	9.5	61	70.5	M30x1.5
0821302045	G1/8	8	G1/8	8	43	9.5	61	70.5	M30x1.5
0821302046	G1/4	8	G1/8	8	43	9.5	61	70.5	M30x1.5
0821302031	G1/4	8	G1/8	8	43	9.5	61	70.5	M30x1.5
0821302047	G1/4	8	G1/8	8	43	9.5	61	70.5	M30x1.5
R412007723	G1/4	8	G1/8	8	43	9.5	61	70.5	M30x1.5

Part No.	J	K	L	M	N	P	R	S	T
0821302043	38	40	27	3	5	38	5.4	8	18.5
0821302044	38	40	27	3	5	38	5.4	8	18.5
0821302045	38	40	27	3	5	38	5.4	8	18.5
0821302046	38	40	27	3	5	38	5.4	8	18.5
0821302031	38	40	27	3	5	38	5.4	8	18.5
0821302047	38	40	27	3	5	38	5.4	8	18.5
R412007723	38	40	27	3	5	38	5.4	8	18.5

Part No.	W
0821302043	33
0821302044	33
0821302045	33
0821302046	33
0821302031	33
0821302047	33
R412007723	33

Application example



adjustable opening pressure