Valve systems → Supplementary products

Valve system, Series LS04

► Qn Max. = 315 l/min ► Multipole ► Electr. connection: D-Sub plug, 25-pin, on the side

00119589

Working pressure min./max.	-0.9 bar / 8 bar
Ambient temperature min./max.	-10°C / +50°C
Medium temperature min./max.	-10°C / +50°C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 5 mg/m³
Protection class with electrical connector/plug	IP 50
Protection class acc. to DIN EN 61140 electrically	Class III
Number of valve positions max.	24
Rail mounting DIN EN 60715	TH35 x 15 TH35 x 25
DC operating voltage	24 V
Voltage tolerance DC	-10% / +10%

An example configuration is illustrated. The delivered product may thus deviate from the illustration.

Technical Remarks
■ 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 Bosch Rexroth, see chapter „Technical information“. ■ See the following pages on the series for technical data on individual components. ■ The IP protection class in accordance with EN 60529 is dependent on the type of multipole plug used.

Configurable product	
	This product is configurable. Please use our Internet configurator at www.boschrexroth.com/pneumatics or contact the nearest Bosch Rexroth sales office.

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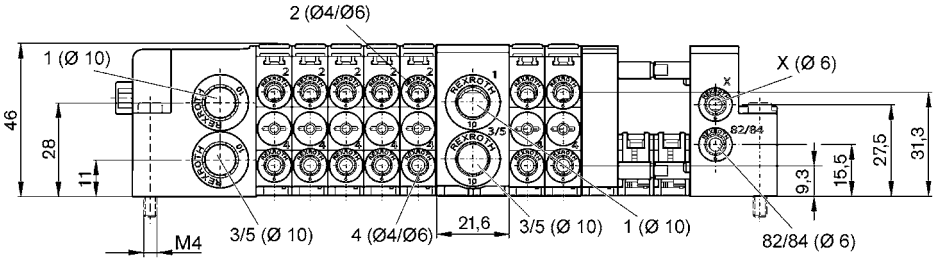
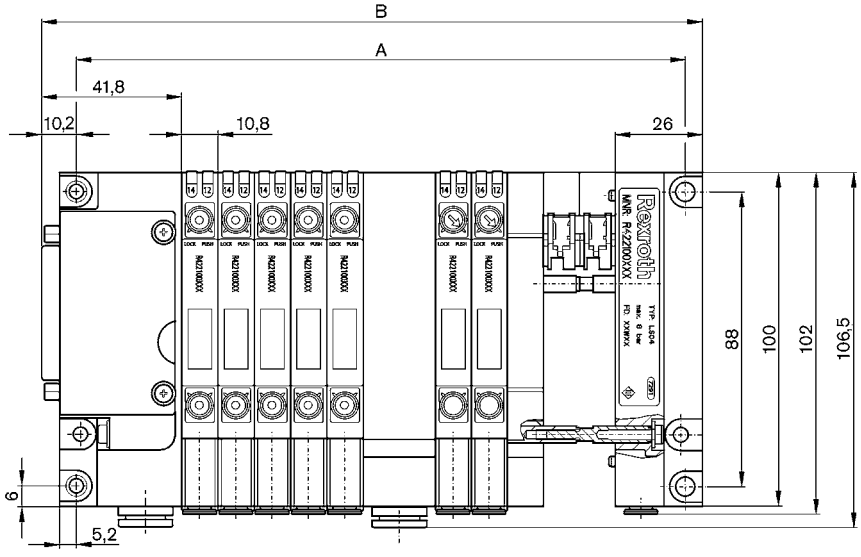
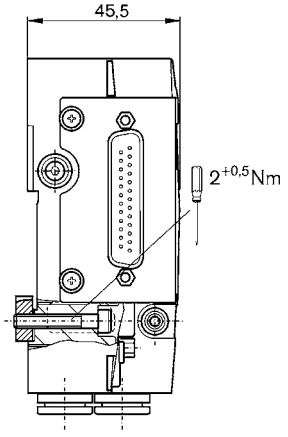
Dimensions in mm







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1 = supply connection
2 and 4 = working connection ports
3 and 5 = valve exhaust connections
R = pilot valve exhaust
X = pilot control connection
An example configuration is illustrated. The delivered product may thus deviate from the illustration.

Dimensions in mm

n	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	74	84.8	95.6	106.4	117.2	128	138.8	149.6	160.4	171.2	182	192.8	203.6	214.4
B	89.4	100.2	111	121.8	132.6	143.4	154.2	165	175.8	186.6	197.4	208.2	219	229.8

n	16	17	18	19	20	21	22	23	24					
A	225.2	236	246.8	257.6	268.4	279.2	290	300.8	311.6					
B	240.6	251.4	262.2	273	283.8	294.6	305.4	316.2	327					

n = number of valve stations
An additional length of 21.6 mm must be added when using a supply/separation plate.

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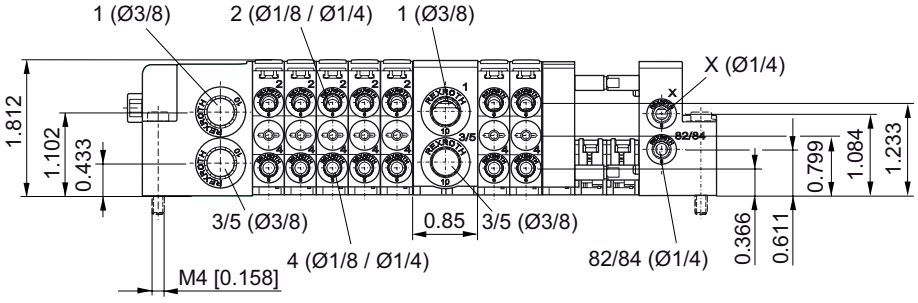
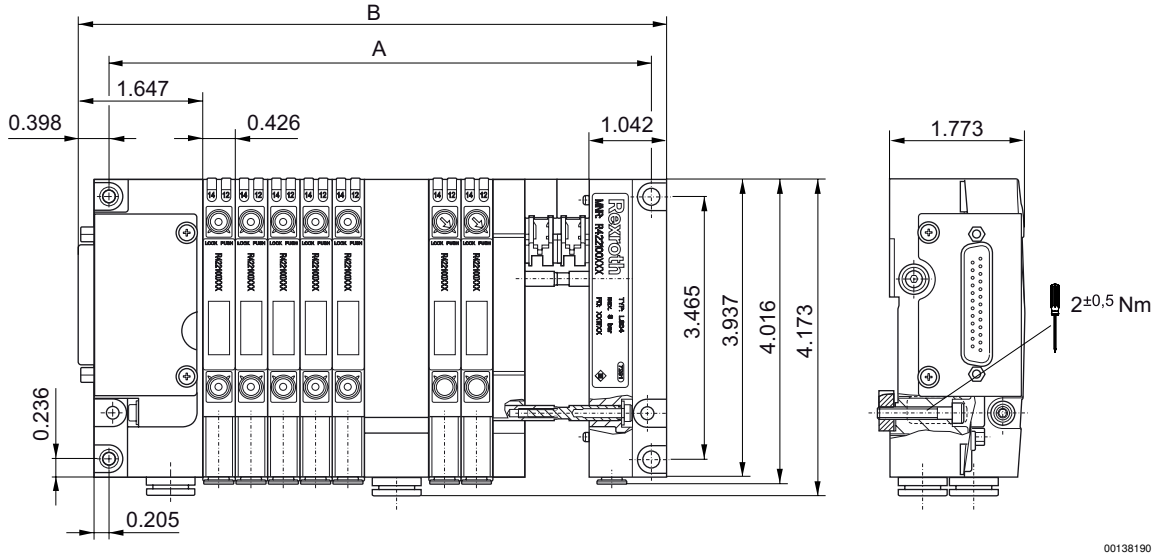
Valve system, Series LS04

► Qn Max. = 315 l/min ► Multipole ► Electr. connection: D-Sub plug, 25-pin, on the side

Dimensions in inches





1 = supply connection
2 and 4 = working connection ports
3 and 5 = valve exhaust connections
R = pilot valve exhaust
X = pilot control connection
An example configuration is illustrated. The delivered product may thus deviate from the illustration.

Dimensions in inches

n	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A	2.91	3.34	3.76	4.19	4.61	5.04	5.46	5.89	6.31	6.74	7.17	7.59	8.02	8.44
B	3.52	3.94	4.37	4.8	5.22	5.65	6.07	6.5	6.92	7.35	7.77	8.2	8.62	9.05

n	16	17	18	19	20	21	22	23	24					
A	8.87	9.29	9.72	10.14	10.57	10.99	11.42	11.84	12.27					
B	9.47	9.9	10.32	10.75	11.17	11.6	12.02	12.45	12.87					

n = number of valve stations
An additional length of 0,85 (inch) must be added when using a supply/separation plate.

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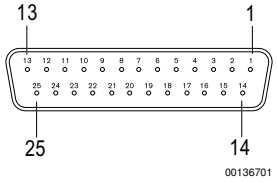
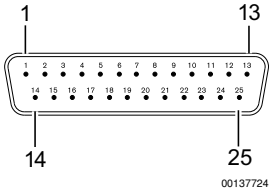
PIN assignment and cable colors, cable identification as per DIN 47100



Socket (female)



Plug (male)

Pin	1	2	3	4	5	6	7	8	9	10	11	12	13
Color	white	brown	green	yellow	gray	pink	blue	red	black	violet	gray/ pink	red/blue	white/ green

Pin	14	15	16	17	18	19	20	21	22	23	24	25
Color	brown/ green	white/ yellow	yellow/ brown	white/ gray	gray/ brown	white/ pink	pink/ brown	white/ blue	brown/ blue	white/red	brown/ red	white/ black