



Applications

- Shipbuilding
- Engine manufacturing
- Hydraulics
- Machine tools

Features

- Function tests of devices during the running process
- Fast and easy to operate
- Compatible with Trafag pressure transmitters and pressure switches in block design

Description

The Diagnostic Valve Block DVB simplifies installation, diagnosing, shut-down and many more tasks on engines, gearboxes or thrusters in the marine industry. It fits ideally with Trafag pressure transmitters and pressure switches in block design.

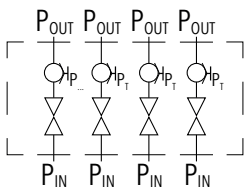
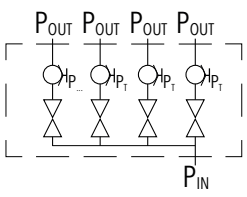
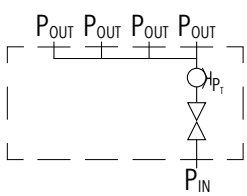
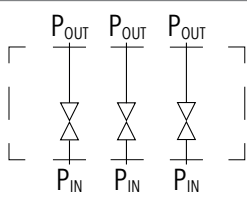
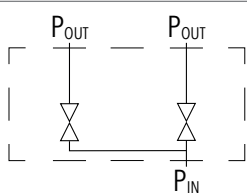
Specifications

Pressure ranges	Operating pressure	-0.8 ... 100 bar
	Overpressure	150 bar
	Burst pressure	250 bar
Environmental conditions	Ambient temperature	-20 ... +120°C
	Media temperature	-20 ... +120°C
	Media	lube, oil, water, air
Mechanical data	Humidity	max. 95 % relative
Material	Housing	anodized AlMgSi1
	Nipple	AlMgSi1
	Ball	1.4404
	Gasket	PEEK/FKM

Versions in stainless steel available upon request.
Minimum ordering quantities apply.

Diagnostic Valve Block

Versions

Schema	Type	Quantity P _{IN} (pcs)	Quantity (N) P _{OUT} [pcs]	Quantity P _T (pcs)	Weight (kg)	Length (mm)	Ordering code
	DVB1X	1	1	1	0.400	36	DVB11
		2	2	2	0.800	76	DVB12
		3	3	3	1.200	116	DVB13*
		4	4	4	1.600	156	DVB14*
		5	5	5	2.000	196	DVB15*
	DVB2X	1	2	2	0.800	76	DVB22
		1	3	3	1.200	116	DVB23
		1	4	4	1.600	156	DVB24*
		1	5	5	2.000	196	DVB25*
	DVB3X	1	2	1	0.700	76	DVB32
		1	3	1	1.000	116	DVB33
		1	4	1	1.300	156	DVB34*
		1	5	1	1.600	196	DVB35*
	DVB 1X-W	1	1	0	0.400	36	DVB11-W
		2	2	0	0.800	76	DVB12-W
		3	3	0	1.200	116	DVB13-W
	DVB 2X-W	1	2	0	0.800	76	DVB22-W

 P_T Test pressure connection

 Stop valve

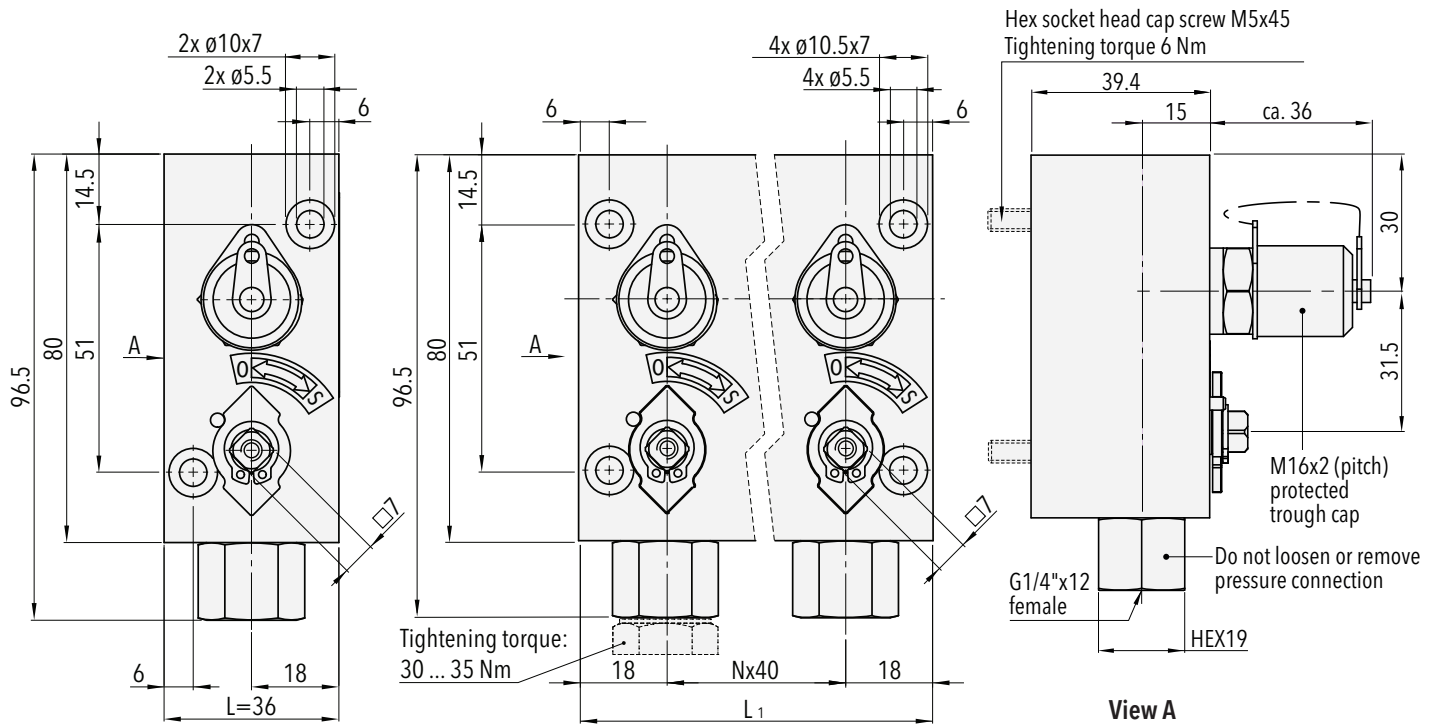
* Upon request, minimum ordering quantities may apply

Accessories

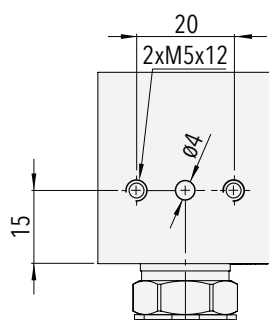
	Ordering code
Connection adapter vertical	V1
Connection adapter vertical	V5

Dimensions see page 5

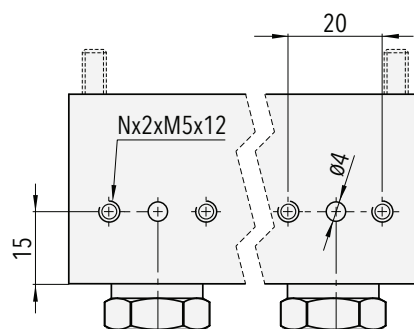
Dimensions



No of outputs N	2	3	4	5
Lenght L ₁ [mm]	76	116	156	196

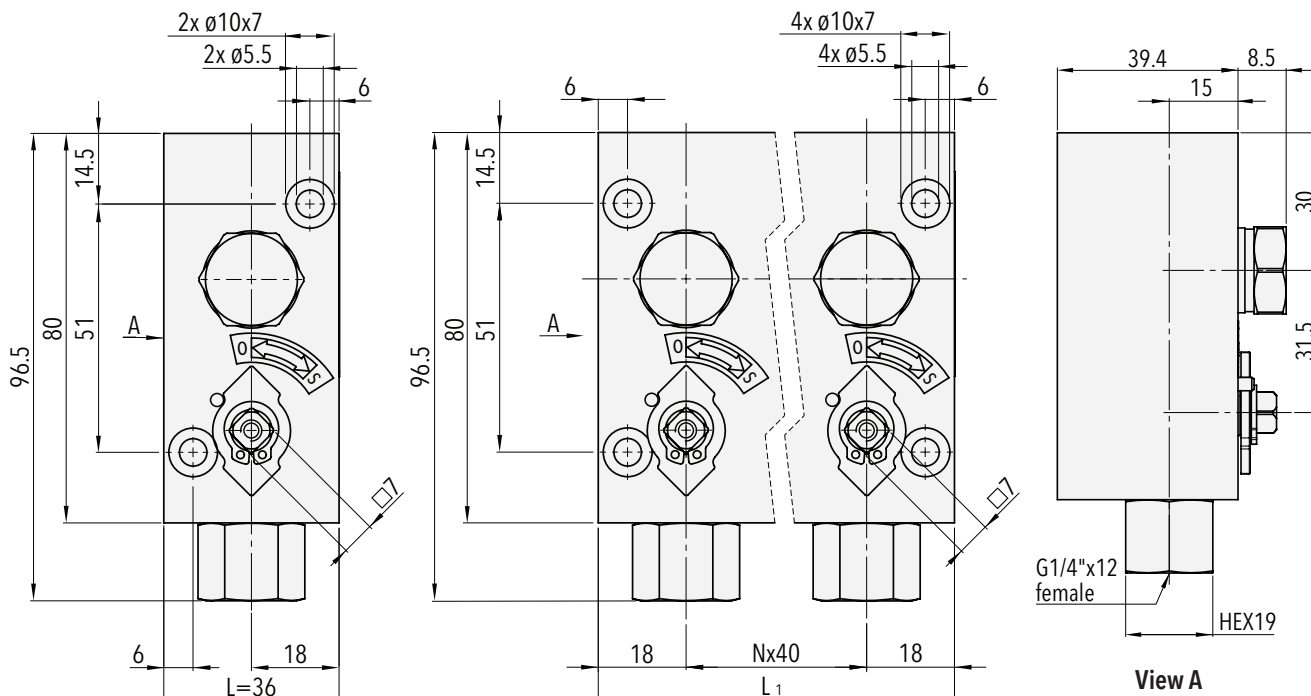


DVB11

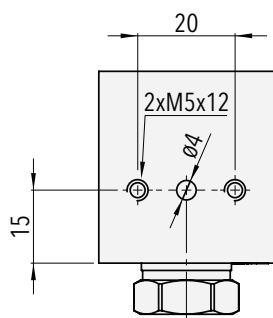


DVBX2...X5

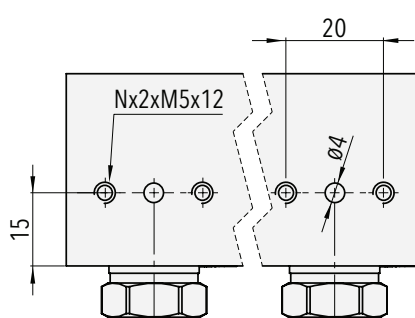
Dimensions



Type	DVB 11-W	DVB 12-W	DVB 13-W	DVB 22-W
No of outputs N	1	2	3	2
Lenght L_1 [mm]	36	76	116	76

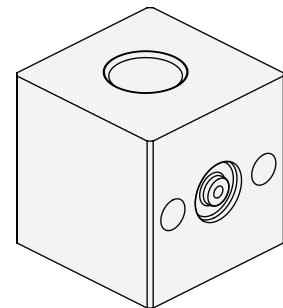
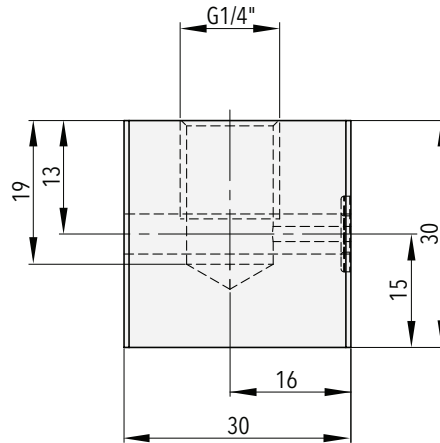
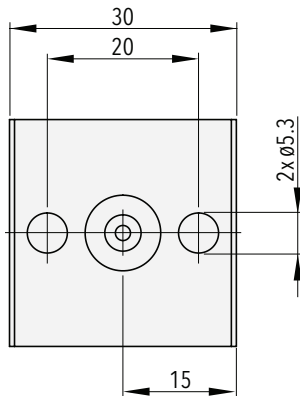


DVB 11-W



DVB 12-W...13-W
DVB 22-W

Accessories



V1

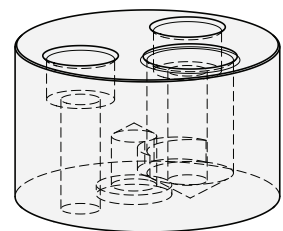
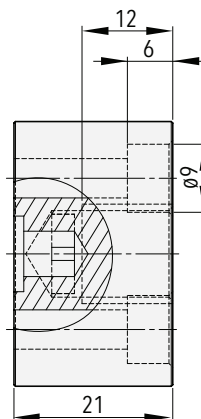
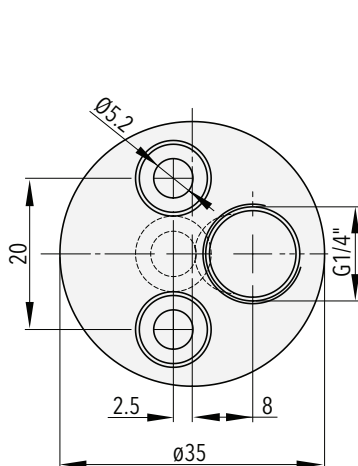
Set includes

2x Hex socket head cap screw M5x40

2x Ribbed lock washer

1x O-Ring $\varnothing 6.78 \times 1.78$ Nitril

Mounting torque for screws 4.5 ... 6 Nm



V5

Set includes

2x Hex socket head cap screw M5x25

2x Ribbed lock washer

1x O-Ring $\varnothing 6.78 \times 1.78$ Nitril

Mounting torque for screws 4.5 ... 6 Nm