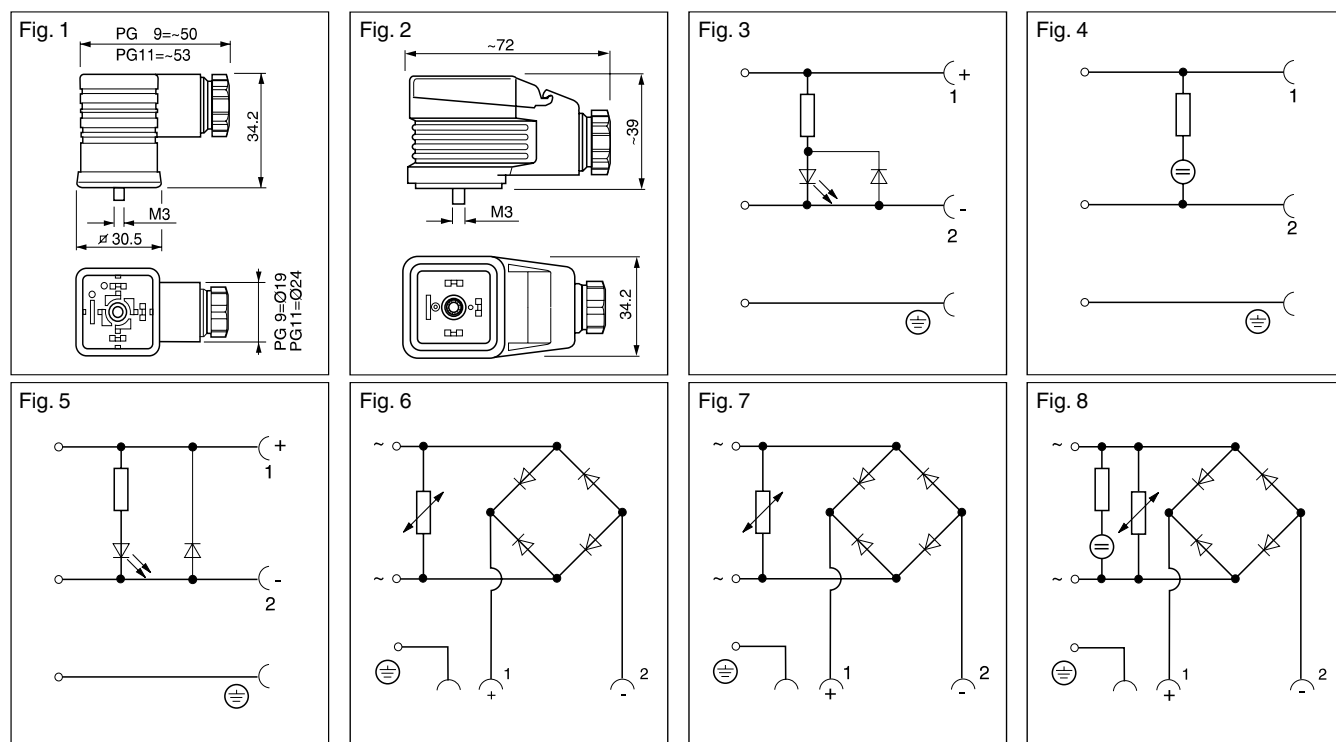
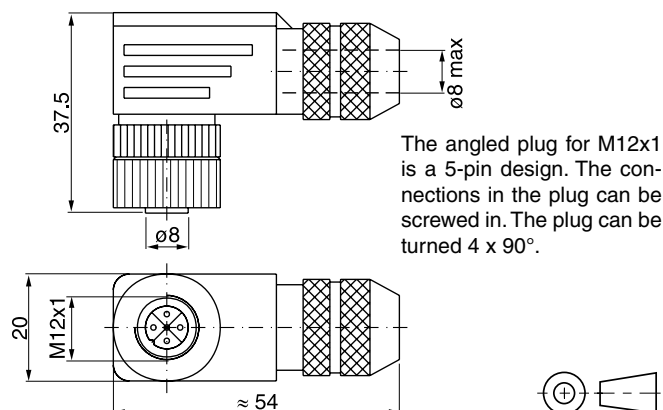


Description	Cable connection	Figure circuit	Order No.	
			black (B)	grey (A)
Plug EN 175301-803 *, style AF Protection class IP 65 for voltages up to 250V	PG 9 PG 11	Fig. 1	5001710 5001716	5001711 5001717
Plug with LED 24V DC Plug with lamp insert 120V AC Plug with lamp insert 230V AC	PG 11	Fig. 1 and 3 Fig. 1 and 4	5001571 5001573 5001575	5001572 5001574 5001576
Plug with LED 24 V DC and suppressing circuit Plug with rectifier: Bridge-type rectifier with silicon diodes. Varistors are used to protect the diodes against power surges from the power supply up to 250V AC. Plug with cable strain relief and transparent cover	PG 11	Fig. 1 and 5 Fig. 1 and 6 Fig. 2	5001708 5001737 5001723	5001709 5001738 5001724
Inserts for plug 5001723 and 5001724		Circuit	Order No.	
Bridge-type rectifier up to 250V AC 7		7	5001727	
Bridge-type rectifier with lamp 250V AC		8	5001734	

* (New) EN 175301-803 corresponds to (old) DIN 43650.



Plug M12x1, Order No.: 5004109



Plug kit 2-pin Junior Timer (AMP)

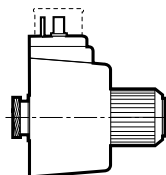
Order no.	Number of plugs in 1 kit
393 000 K822	1
393 000 K825	10
393 000 K826	50
393 000 K827	100

Solenoid kit (displayed: EN plug)

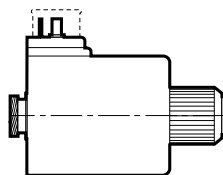
A solenoid kit contains tube, coil, retainer and seals for the solenoid.

Coil kit

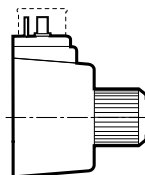
A coil kit contains coil, retainer and seals for the coil.



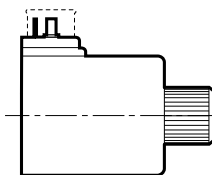
AC



DC



AC



DC

For D1VW standard

Solenoid kits: AK-D1VW-S-... (Soft shift on request)		(Example: AK-D1VW-S-JW-91)	
Voltage Volt/Hertz	Voltage Code	EN plug D1VW	EN plug without manual override (Code „T“) D1VW
12V=	K	KW-91	KWT-91
24V=	J	JW-91	JWT-91
98V=	U	UW-91	UWT-91
205V=	G	GW-91	GWT-91
110V/50Hz / 120V/60Hz	Y	YW-91	–
230V/50Hz / 240V/60Hz	T	TW-91	–

Coil kits: AK-D1VW-C-... (Example: AK-D1VW-C-JW-91)		
Voltage Volt/Hertz	Voltage Code	EN plug D1VW
12V=	K	KW-91
24V=	J	JW-91
98V=	U	UW-91
205V=	G	GW-91
110V/50Hz / 120V/60Hz	Y	YW-91
230V/50Hz / 240V/60Hz	T	TW-91

D1VW 8 Watt

Solenoid kits: AK-D1VW-S-...				Coil kits: AK-D1VW-C-...	
Voltage Volt/Hertz	Voltage Code	EN plug D1VW	M12x1 „DESINA“ (Code „DLJ5“) D1VW	EN plug D1VW	M12x1 „DESINA“ (Code „DLJ5“) D1VW
24V=	J	JWL-91	JDLJ5-91	JWL-91	JDLJ5-91

D3W

Solenoid kits: AK-D3W-S-... (Soft shift on request) (Example: AK-D3W-S-JW-30)					Coil kits: AK-D3W-C-...	
Voltage Volt/Hertz	Voltage Code	EN plug D3W	EN plug without manual override (Code „T“) D3W	EN plug with 210bar tank pressure (Code „H“) D3W	EN plug D3W	EN plug without manual override (Code „T“) D3W
12V=	K	KW-30	KWT-30	KW-30	KW-30	KWT-30
24V=	J	JW-30	JWT-30	JW-30	JW-30	JWT-30
98V=	U	UW-30	UWT-30	UW-30	UW-30	UWT-30
205V=	G	GW-30	GWT-30	GW-30	GW-30	GWT-30
110V/50Hz 120V/60Hz	Y	YW-30	–	YWH-30	YW-30	–
230V/50Hz 240V/60Hz	T	TW-30	–	TWH-30	TW-30	–

Other solenoids, coil kits and tube kits on request.

Bold letters =
Short-term availability

O-rings to seal between valve and mounting surface

Valve size	Valve series	Ports	Dimensions inner Ø x section Ø	Quantity ¹⁾
DIN NG 6	D1	P, A, B, T X, Y	9.25 x 1.78 4.47 x 1.78	4 2
DIN NG10	D3	P, A, B, T X, Y	12.42 x 1.78 10.82 x 1.78	5 2
DIN NG 16	D4	P, A, B, T X, Y	21.89 x 2.62 10.82 x 1.78	4 2
DIN NG 25	D8	P, A, B, T X, Y	29.82 x 2.62 20.29 x 2.62	4 2
DIN NG 25	D9	P, A, B, T X, Y	34.59 x 2.62 20.29 x 2.62	4 2
DIN NG 32	D11	P, A, B, T X, Y	53.57 x 3.53 14.00 x 1.78	4 2

¹⁾ Number per set

Seal kits (connecting surface and inner seals)
Spool valves

Valve series	Material	Order code for valve size						
		D1	D3	D31DW	D4	D8	D9	D11
D**W Solenoid	NBR	SK-D1VW-N-91	SK-D3W-30	SK-D31DW-N-91	SK-D41VW-N-91	SK-D81VW-N-91	SK-D91VW-N-91	SK-D111VW-N-91
	FPM	SK-D1VW-V-91	SK-D3W-V30	SK-D31DW-V-91	SK-D41VW-V-91	SK-D81VW-V-91	SK-D91VW-V-91	SK-D111VW-V-91
D**P Hydr.	NBR	SK-D1VP-70	SK-D3DP-35	—	SK-D41VW-70	—	SK-D91VW-70	SK-D111VW-70
	FPM	SK-D1VP-V70	SK-D3DP-V35	—	SK-D41VW-V70	—	SK-D91VW-V70	SK-D111VW-V70
D*L/LB Hand lever	NBR	SK-D1DL-77	SK-D3DL-35	—	SK-D4L-60	—	SK-D9L-60	—
	FPM	SK-D1DL-V77	SK-D3DL-V35	—	SK-D4L-V60	—	SK-D9L-V60	—

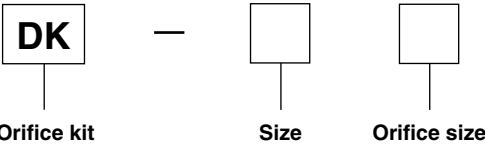
Valve series	Material	4D01-C	4D02-C	4D02V-B	4D03-C	4D06-C
4D0* Solenoid	NBR	SK-D1VW-N-91	SK-D3W-30	SK-4D02V-B1	SK-D41VW-N-91	SK-D81VW-N-91
	FPM	SK-D1VW-V-91	SK-D3W-V30	SK-4D02V-B5	SK-D41VW-V-91	SK-D81VW-V-91

Seated valve

Valve series	Material	D1SE
D1SE Solenoid	NBR	SK-D1SE-70
	FPM	SK-D1SE-V70

Slip-in orifice for P, A, B port of directional control valves NG6 and NG10

2

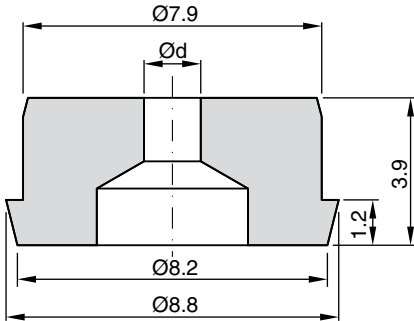


Code	Size
D1VW91	NG6
D3W30	NG10

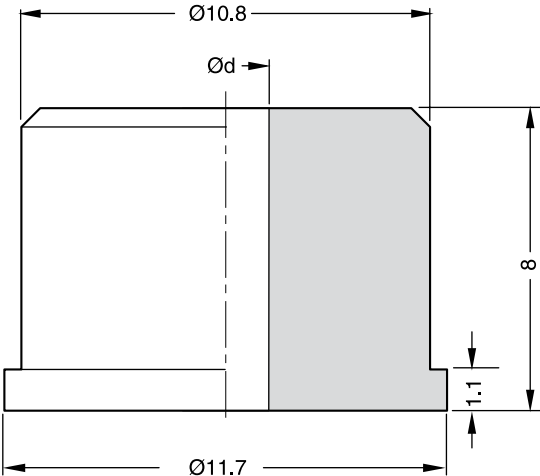
Code	Orifice Ø	NG6	NG10
00	without orifice	x	x
06	0.6 mm	x	
08	0.8 mm	x	x
09	0.9 mm	x	
10	1.0 mm	x	x
11	1.1 mm	x	
12	1.2 mm	x	x
14	1.4 mm	x	x
15	1.5 mm	x	x
17	1.7 mm		x
18	1.8 mm	x	
20	2.0 mm	x	x
25	2.5 mm	x	x
30	3.0 mm		x
45	4.5 mm		x

Package size: Each kit contains 10 orifice of the same size.

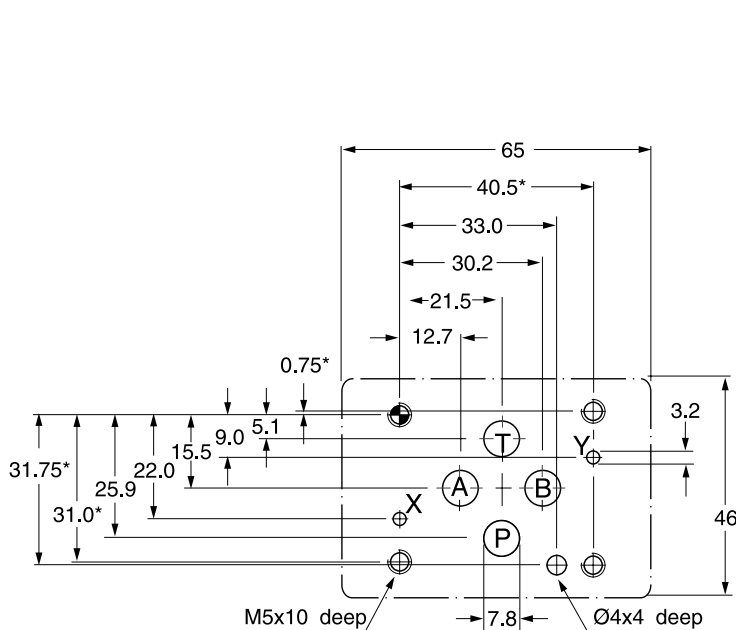
Dimensions
NG6



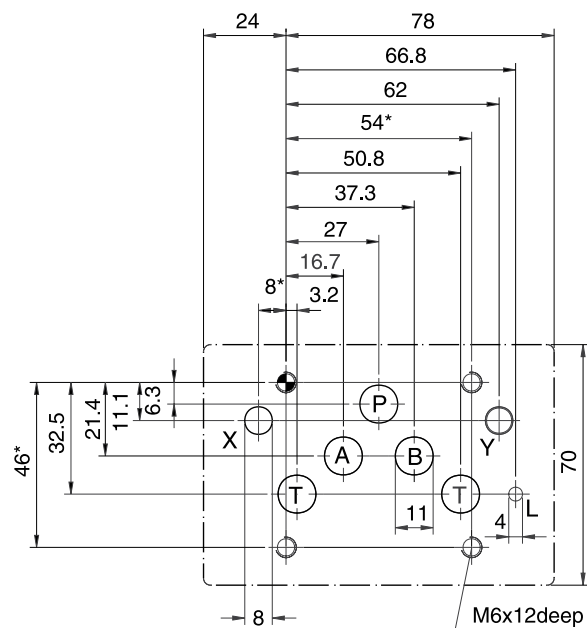
NG10



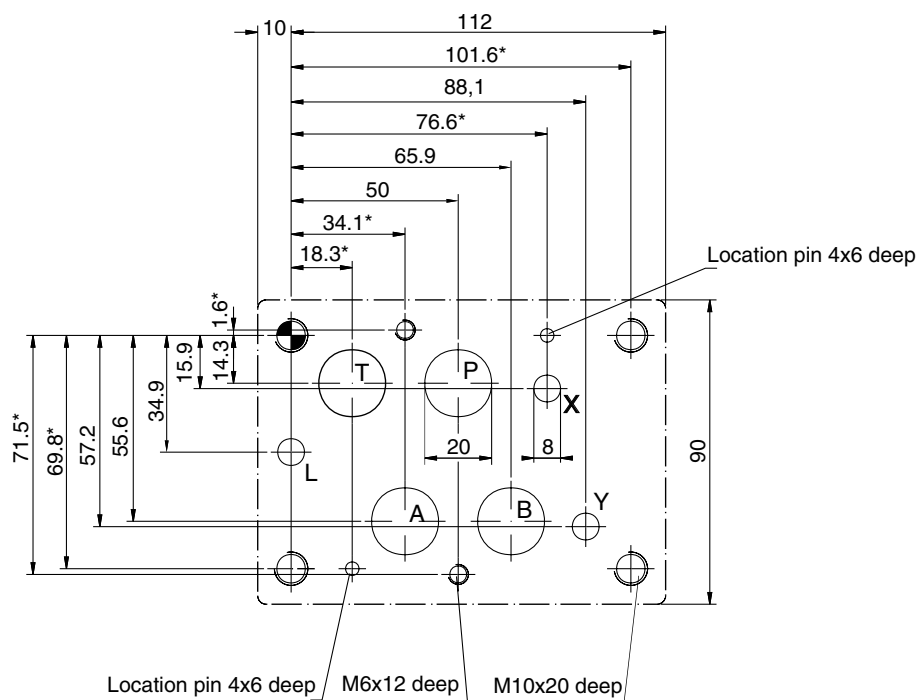
Size 6, mounting pattern to DIN 24340-A6



Size 10, mounting pattern to DIN 24340-A10



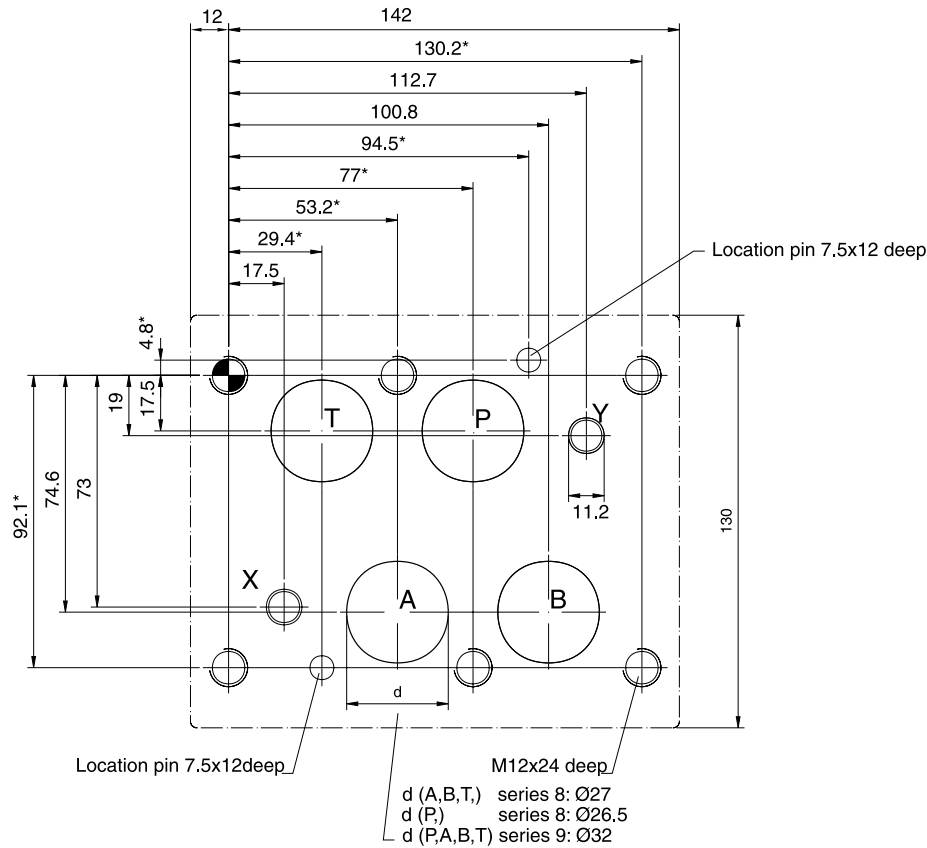
Size 16, mounting pattern to DIN 24340-A16



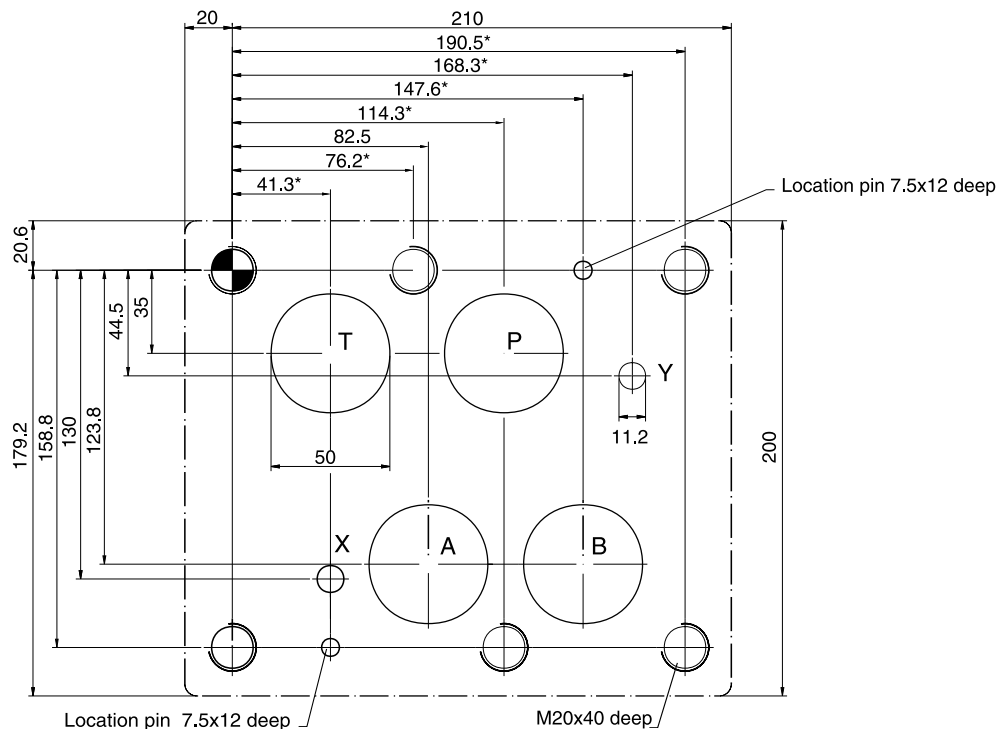
With * marked dimensions $\pm 0.1\text{mm}$. All other dimensions $\pm 0.2\text{mm}$.

Subplates and manifolds see chapter 12.

Size 25, mounting pattern to DIN 24340-A25



Size 32, mounting pattern to DIN 24340-A32



With * marked dimensions $\pm 0.1\text{mm}$. All other dimensions $\pm 0.2\text{mm}$.

Subplates and manifolds see chapter 12.

access02_UK.INDD CM_22.01.2008.1