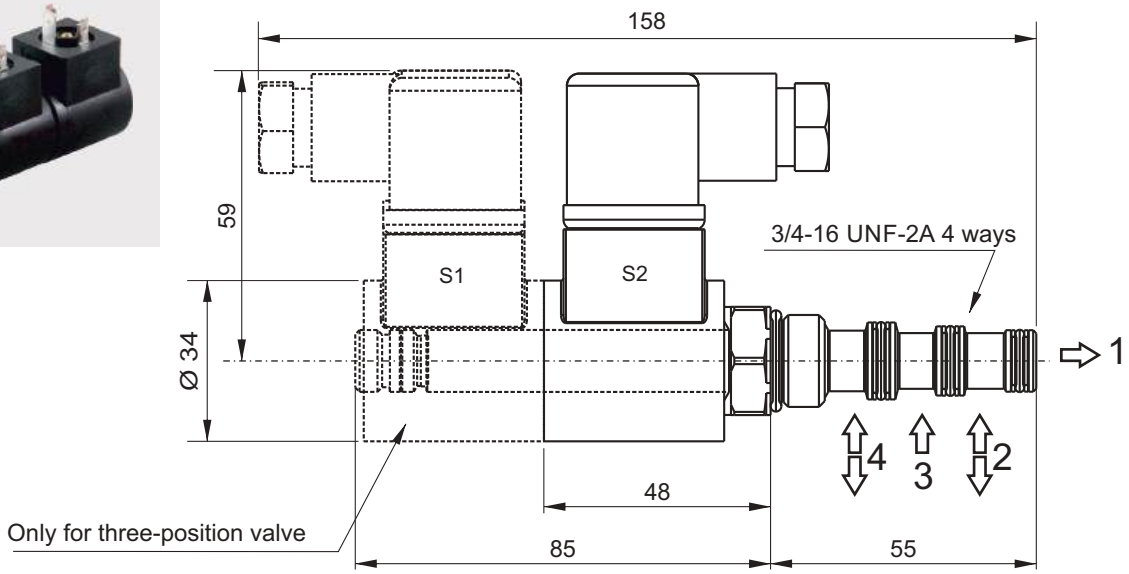
SAE08-4 DIRECT OPERATED 4/3 OR 4/2 DIRECTIONAL SPOOL SOLENOID VALVES





Main features

Max press.	210 bar
Max flow	11,5 l/min
Weight	0,37 Kg (1 solenoid) 0,64 Kg (2 solenoids)
Internal leakage	278 cc/min at 210 bar
Minimum pull-in voltage	85% of nominal
Duty cycle	ED 100%
Voltage	+/- 10% nominal voltage
Environment temperature	-15 ÷ +50°C
Fluid temperature	-30 - +80°C
Filtration	ISO 4406
Tightening torque	25Nm
Cavity	SAE08-4

Spare part code

MSV4V — **4/3 or 4/2 directional spool solenoid valve**

A2 — **Spool configuration:** see below table

00 — **Option:** 00 = std

0000 — **Supply voltage:** 0000 = no coil (std) see coils table

Assembly code

4VA2 Voltage

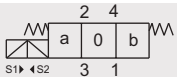
Ex: 4VA2 24DC

Coils

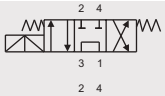
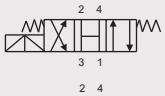
Supply Voltage	Coil code	Connector code
12DC	M6306012	KA132000B1
24DC	M6306024	KA132000B1
24AC	M6316024	KA132000B1
115AC	M63160115	KA132000B1
230AC	M63160230	KA132000B1

Spools

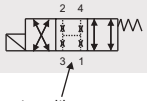
Code



Double solenoid

A2	
B2	
C2	
E2	

Single solenoid

A11C	 transition

Valve code	Code marked on solenoid head
A2	**A**
B2	**C**
C2	**B**
E2	**D**

COILS FOR SOLENOID VALVES



M630* / M631*



M630DT*



M140



9800*

Supply voltage [V]	Assembly code	Coil type	Spare part code	Spare connector code	Holding Power [W]	Duty charge ED [%]	Prot. class	Wt [g]	Suitable for valves
12DC	12DC_M630	DC	**M6306012**	KA132000B1 DIN43650/ISO4400	18W	100	H	130	MSV30 MSV4V CSPC15
24DC	24DC_M630	DC	**M6306024**	KA132000B1 DIN43650/ISO4400	18W	100	H	130	MSV30 MSV4V CSPC15
48DC	48DC_M630	DC	**M6306048**	KA132000B1 DIN43650/ISO4400	18W	100	H	130	MSV3V MSV30 SD02
24AC	24AC_M631	RC with integrated rectifying bridge	**M6316024**	KA132000B1 DIN43650/ISO4400	18W	100	H	130	MSV30 MSV4V
115AC	115AC_M631	RC with integrated rectifying bridge	**M6316115**	KA132000B1 DIN43650/ISO4400	18W	100	H	130	MSV30 MSV4V
230AC	230AC_M631	RC with integrated rectifying bridge	**M6316230**	KA132000B1 DIN43650/ISO4400	18W	100	H	130	MSV30 MSV4V
12DC	12DC_M630DT	DC, Deutsch	**M6306012DT**	DT06-4S Deutsch	17W	100	H	117	MSV30 SD00
24DC	24DC_M630DT	DC, Deutsch	**M6306024DT**	DT06-4S Deutsch	17W	100	H	117	MSV30 Sd00
12DC	12DC_M630HP	DC	**M6306012HP**	KA132000B1 DIN43650/ISO4400	21W	100	H	130	MSV30 MSV4V CSPC15
24DC	24DC_M630HP	DC	**M6306024HP**	KA132000B1 DIN43650/ISO4400	21W	100	H	130	MSV30 MSV4V CSPC15
48DC	48DC_M630HP	DC	**M6306048HP**	KA132000B1 DIN43650/ISO4400	21W	100	H	130	MSV3V MSV30 SD02
12DC	Embedded in the VMPC2 proportional valve code	DC	**98001190**	KA132000B1 DIN43650/ISO4400	36W	100	H	257	VMPC2
24DC	Embedded in the VMPC2 proportional valve code	DC	**98002190**	KA132000B1 DIN43650/ISO4400	36W	100	H	247	VMPC2
12DC	12DC_M140	DC	**M14040001**	KA132000B1 DIN43650/ISO4400	22W	100	H	202	MDV30 MDV31 MSV31
24DC	24DC_M140	DC	**M14040002**	KA132000B1 DIN43650/ISO4400	22W	100	H	202	MDV30 MDV31 MSV31
48DC	48DC_M140	DC	**M14040003**	KA132000B1 DIN43650/ISO4400	22W	100	H	202	MDV30 MDV31 MSV31
24AC	24RAC_M140	RC - needs external rectifying connector	**M14040002**	KA132R11B1 DIN43650/ISO4400	22W	100	H	202	MDV30 MDV31 MSV31
115AC	110RAC_M140	RC - needs external rectifying connector	**M14040004**	KA132R12B1 DIN43650/ISO4400	22W	100	H	202	MDV30 MDV31 MSV31
230AC	220RAC_M140	RC - needs external rectifying connector	**M14040005**	KA132R13B1 DIN43650/ISO4400	22W	100	H	202	MDV30 MDV31 MSV31