

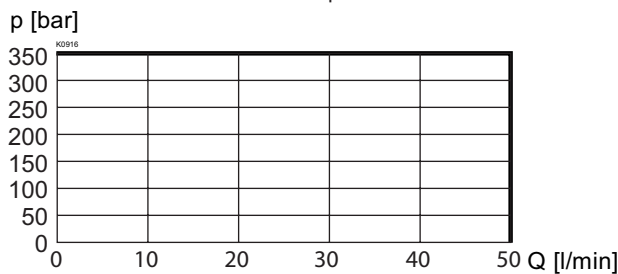
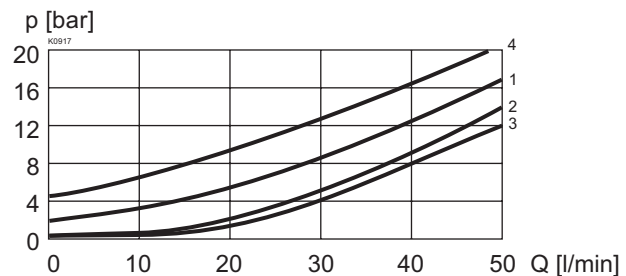
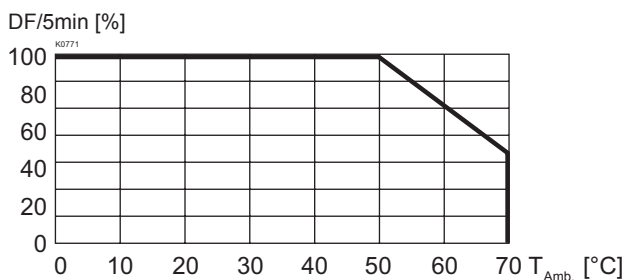
SYMBOLS


SVSPM18-BC...

SVSPM18-CB...

ELECTRICAL CONTROL

Construction	Solenoid, wet pin, pull or push type, pressure tight with exchangeable slip-on coil
Standard nominal voltage:	$U_N = 12 \text{ VDC}, 24 \text{ VDC}$ $U_N = 110 \text{ VAC}^*, 115 \text{ VAC}^*, 230 \text{ VAC}^*$ AC = 50 up to 60 Hz
– * Rectifier integrated in connector socket – Other nominal voltages and wattages on request	
Voltage tolerance	$\pm 10\%$ of nominal voltage
Protection class	IP 65 acc. to EN 60529 (if correctly mounted)
Relative duty cycle (DF)	100% DF ambient temperature to 50 °C 40% DF ambient temperature to 70 °C (see characteristics)
Operating life	10^7 (number of switching cycles, theoretically)
Connections/Power supply	Versions see type code
Solenoid type:	
- Steel coil (M.35/16x40)	data sheet 1.1-171

CHARACTERISTICS Oil viscosity $\nu = 30 \text{ mm}^2/\text{s}$
 $p = f(Q)$ Performance limits at 10% under voltage and max. ambient temperature

 $\Delta p = f(Q)$ Pressure volume flow characteristics

 Relative duty factor = f (Ambient temperature)


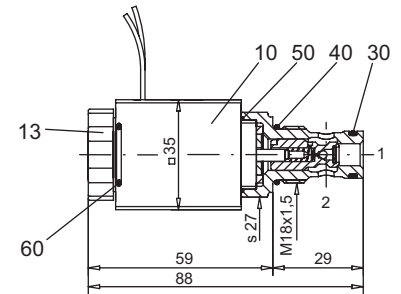
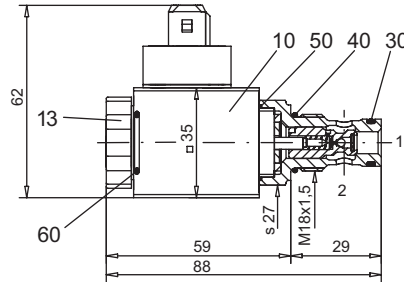
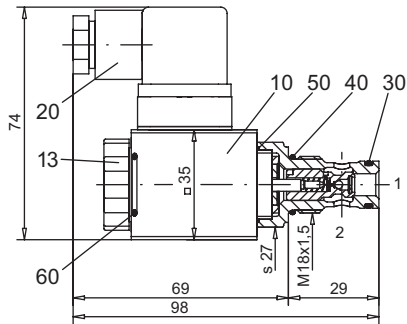
		BC	CB
Current-free	1 → 2	1	2
Current-free	2 → 1	–	3
under current	1 → 2	2	4
under current	2 → 1	3	–

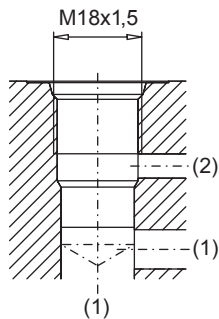
DIMENSIONS / SECTIONAL DRAWING

with DIN connector socket

with Junior-Timer connector socket

Stranded conductor version


CAVITY

 Cavity drawing acc. to
 ISO 7789-18-01-0-98

 For detailed cavity drawing and cavity tools
 see data sheet 2.13-1002

PARTS LIST

Position	Article	Description
10	260.4...	Coil complete M.35/16x40
13	154.2600	Knurled nut M16x1x9
20	219.2002	Plug
30	160.0108	O-ring polyurethane ID 10,82x1,78
40	160.2156	O-ring ID 15,60x1,78
50	160.1220	O-ring ID 22,00x1,00
60	160.2156	O-ring ID 15,60x1,78

ACCESSORIES

Cartridge built-in flange- or sandwich body

Flange valve

Sandwich valve

register 1.11

register 1.11

Technical explanation see data sheet 1.0-100