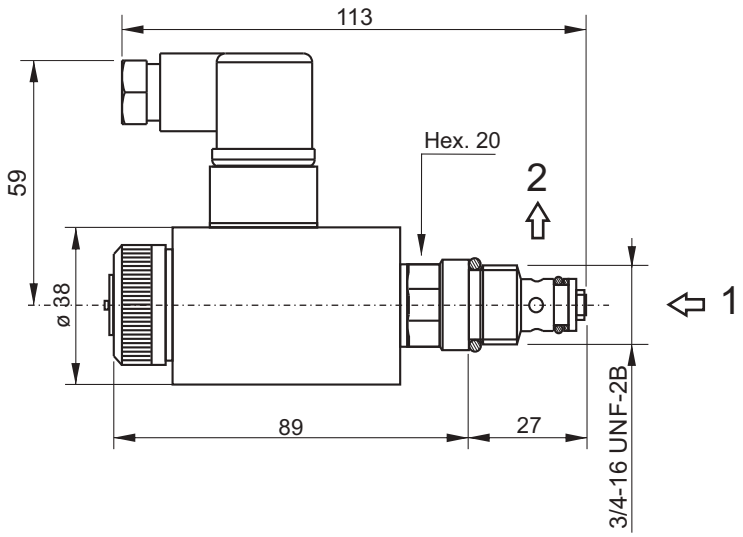
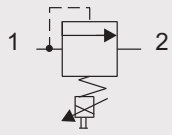
SAE08 PROPORTIONAL PRESSURE RELIEF VALVE



CE





Main features

Max press.	350 bar
Max flow	2 l/min
Weight	0,46 Kg
PWM	120Hz
Hysteresis	5%
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	SAE08-2

Note: Supplying current to the coil from 0 to I max (see diagram), a proportional pressure variation is obtained on port P.

Spare part code

VMPC — **Direct acting proportional relief valve**

2 — **Nominal size:**
2 = 2 l/min

C — **Working range:**
A = 10 ÷ 80 bar
C = 40 ÷ 250 bar

E — **Options:**
E = emergency (std)

0000 — **Supply voltage:**
- 0000 = no coil
- 12DC
- 24DC

see coils table

Assembly code

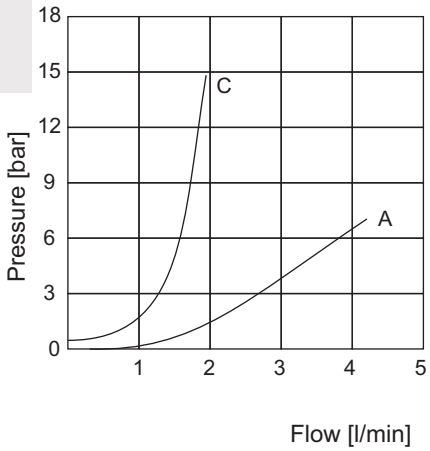
P* Voltage**

where *** stands for max setting pressure [bar]. eg. P25012DC

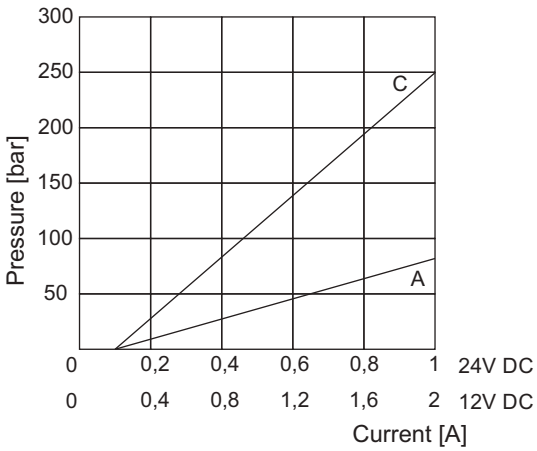
Coils

Supply Voltage	Coil code	Connector code
12DC	98001190	KA132000B1
24DC	98002190	KA132000B1

Pressure drop diagram



Pressure vs current



Note: Values measured on valve alone (no cavity) with an oil viscosity of 46 cSt at 50 °C. Pressure drop may change depending on fluid viscosity and temperature.