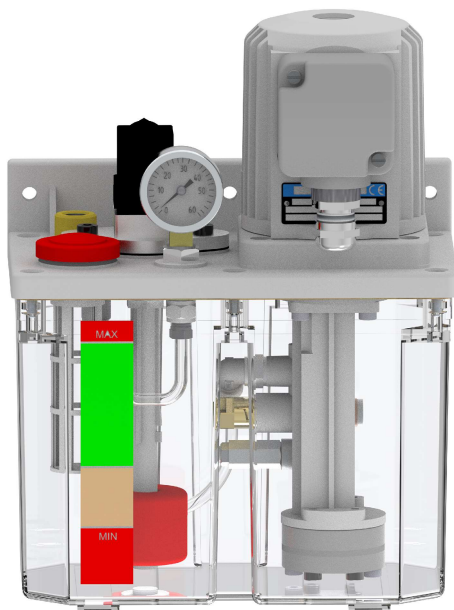


GE11-12-13

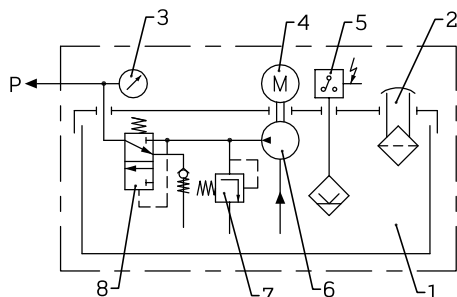
Lubrication units for OIL

Single line system

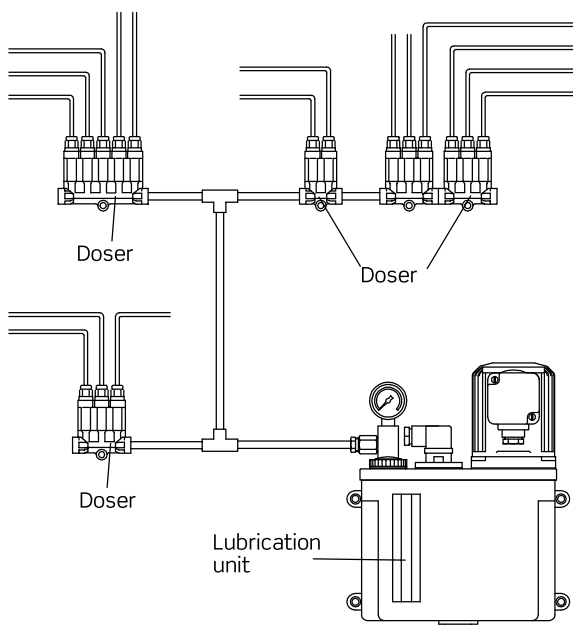
142.200.000



Hydraulic diagram



- 1- Tank
 - 2- Filling cap-filter
 - 3- Pressure gauge
 - 4- Electric motor
 - 5- Level switch
 - 6- Gear pump
 - 7- Pressure limiting valve
 - 8- Relief valve
- P = Pressure outlet



Application

As an intermittent operation unit to feed volumetric dosing meters in single-line systems.

The basic execution includes a motor/gear pump unit, as well as the necessary valves to control the pressure and system relief cycles in the circuit.

Operation

The working control of these units is external (without control): programming by means of the machine automatism or external control (cnc, automatic device, etc...).

They can be equipped with an electrical level switch for the monitoring of the oil level in the tank.

Technical characteristics

Gear pump

Lubricant Mineral or synthetic oils
Viscosity 30 ÷ 1500 cSt
Flow 0,2-0,5 l/min
Working pressure 30 bar
Working temperature..... +10°C ÷ +40°C

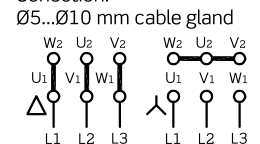
Electric motor

Type.....optional 230/400V
.....24Vdc
Service mode..... S3 20%
maximum working time..... 5 min
Maximum cycles/hour..... 20

230/400V

Frequenz (Hz) 50..... 60
Voltage (V)..... Δ 207-254.....Δ 249-305
Y 360-440.....Y 432-528
Power (W)..... 100..... 110
Consump. (A) ... Δ0,5/Y0,3.....Δ0,5/Y0,3

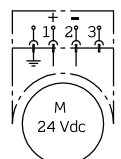
Conection:



24VDC

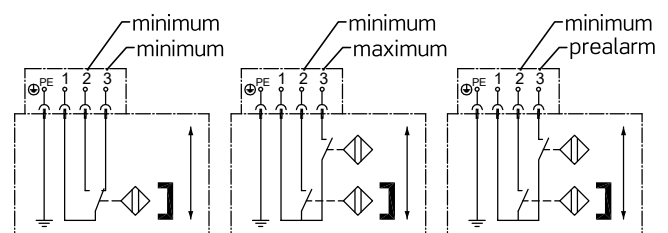
Voltage.....24VDC
Power.....55W
Consumption.....2,5A (±20%)

Connection:
DIN 43650A
connector



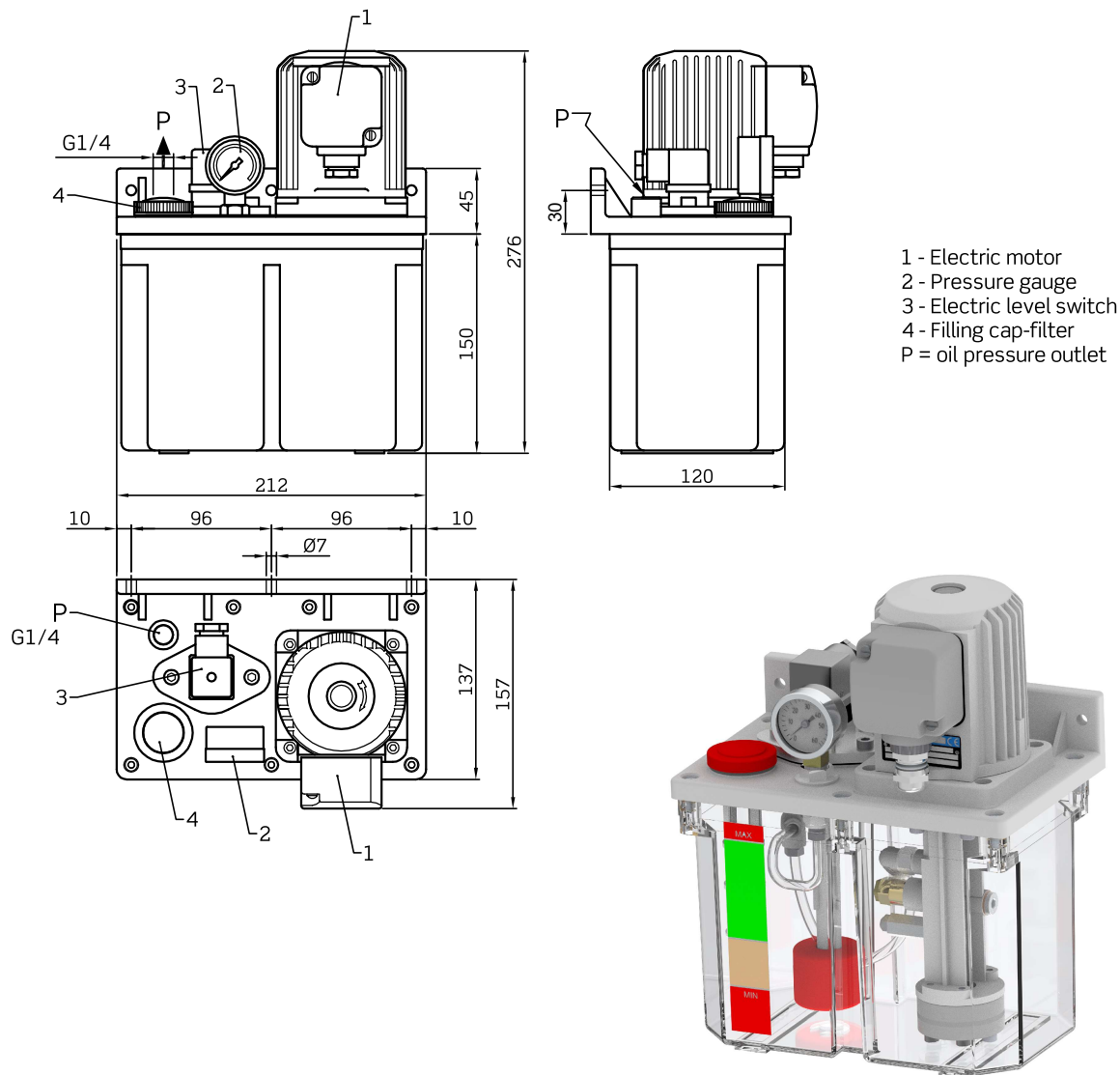
Electric level switch

Type of contact Reed
Maximum switching voltage..... 230 VUC
Maximum switching consumption..... max. 0,5 A
Power breakdown max. 30 W
Connector..... DIN 43650A
Function see diagram



Lubrication group for oil
 Single line system

GE11/B
 3L plastic
 142.000.000

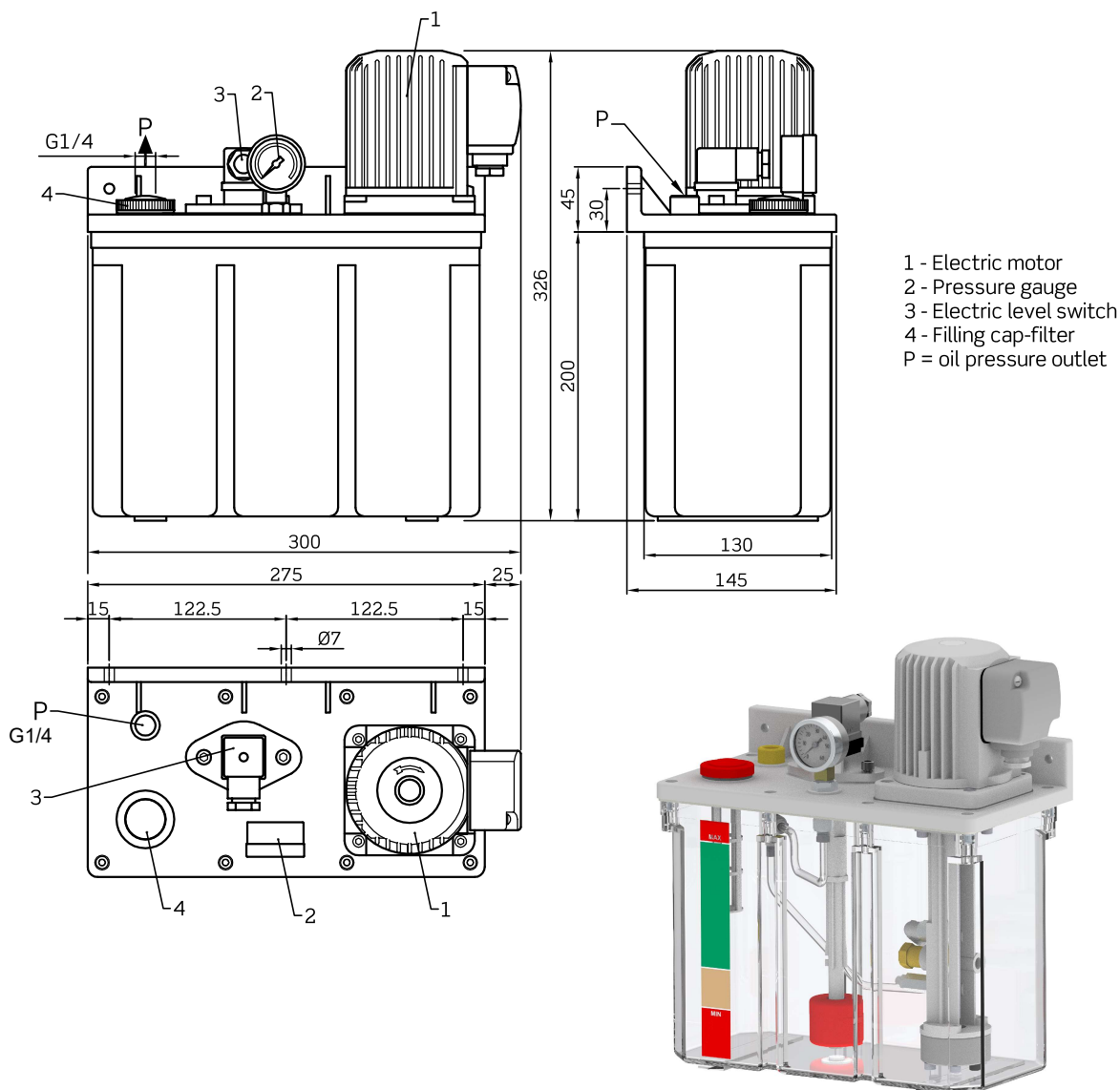


References for ordering

GE11 / X - 1 / X X X							
Tank	X	Pump flow	X	Oil level monitoring	X	Voltage	X
3 litres transparent plastic	B	0,2 l/min	2	Without	0	24VDC	0
		0,5 l/min	5	Minimum level	5	230/400V	3
				Maximum + minimum	6		
				Minimum + prealarm	7		

Lubrication group for oil
Single line system

GE11/C
6L plastic
142.005.000



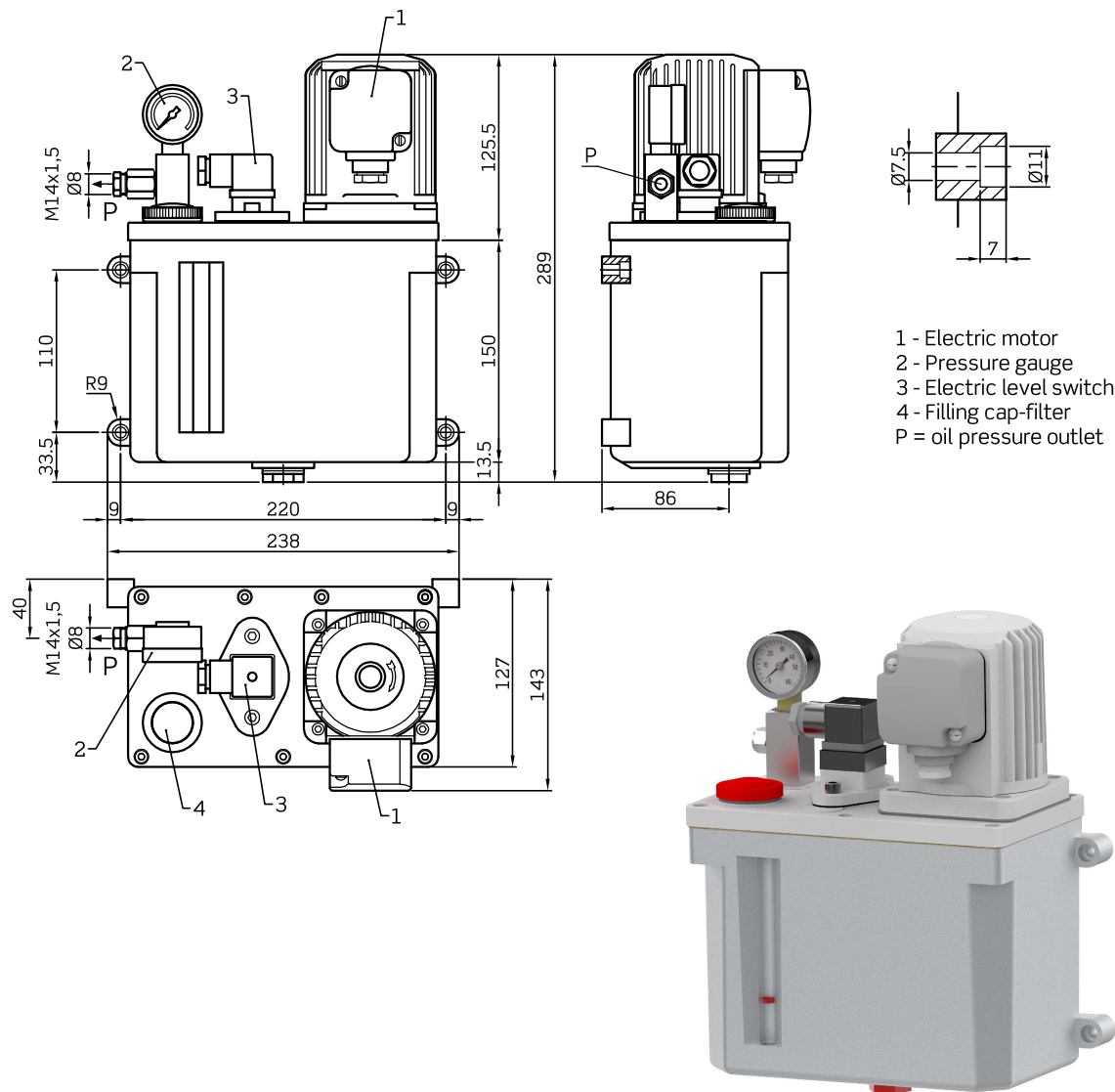
References for ordering

GE11 / X - 1 / X X X

Tank	X	Pump flow	X	Oil level monitoring	X	Voltage	X
6 litres transparent plastic	C	0,2 l/min	2	Without	0	24VDC	0
		0,5 l/min	5	Minimum level	5	230/400V	3
				Maximum + minimum	6		
				Minimum + prealarm	7		

Lubrication group for oil
 Single line system

GE12/B
 3L aluminium
 142.400.000

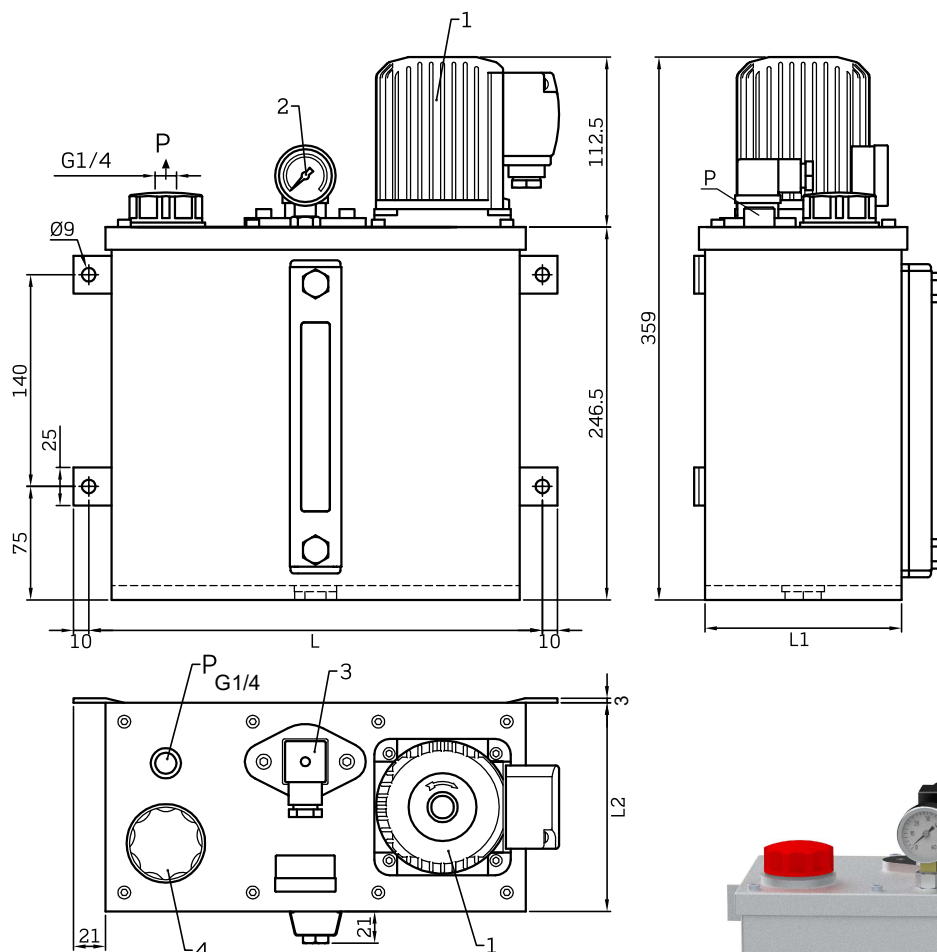


References for ordering

GE12 / X - 1 / X X X							
Tank	X	Pump flow	X	Oil level monitoring	X	Voltage	X
3 litres aluminium	B	0,2 l/min	2	Without	0	24VDC	0
		0,5 l/min	5	Minimum level	5	230/400V	3
				Maximum + minimum	6		
				Minimum + prealarm	7		

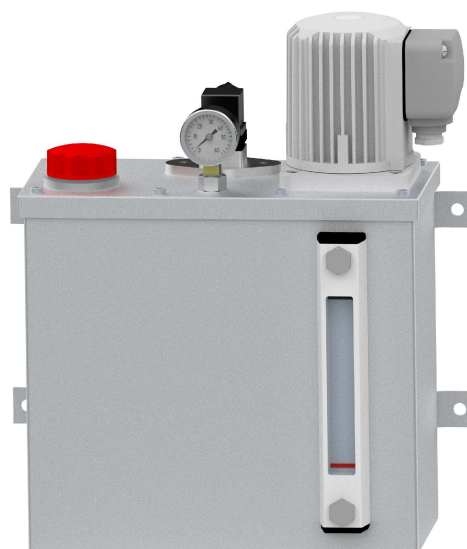
Lubrication group for oil
Single line system

GE13/C 6L metal
GE13/D 10L metal
142.500.000



- 1 - Electric motor
- 2 - Pressure gauge
- 3 - Electric level switch
- 4 - Filling cap-filter
- P = oil pressure outlet

Capacity	L	L1	L2
6 litres	300	130	138
10 litres	405	155	163



References for ordering

GE13 / X - 1 / X X X

Tank	X	Pump flow	X	Oil level monitoring	X	Voltage	X
6 litres metal	C	0,2 l/min	2	Without	0	24VDC	0
10 litres metal	D	0,5 l/min	5	Minimum level	5	230/400V	3
				Maximum + minimum	6		
				Minimum + prealarm	7		