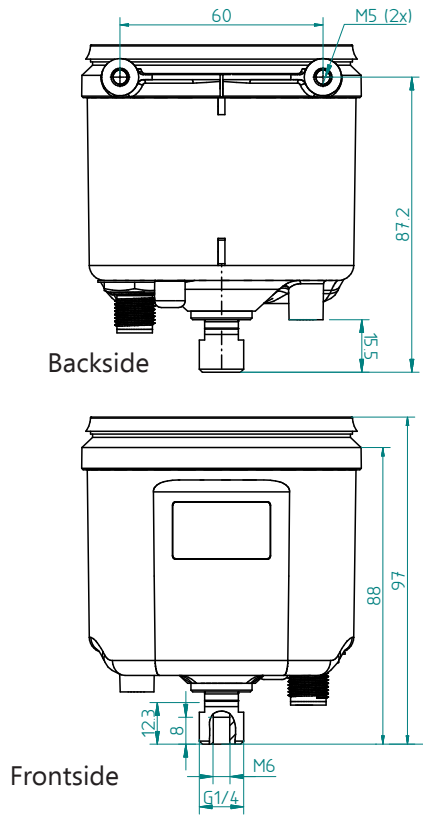
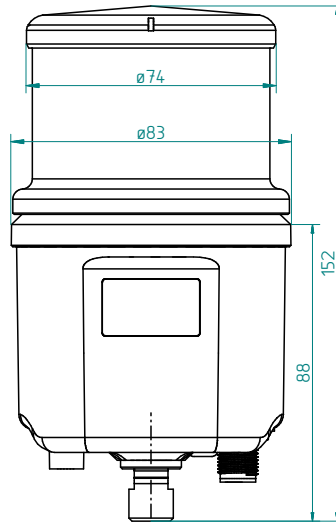


FlexxPump 125 & FlexxPump 125 DLS



Note on delivery:

The FlexxPump 125 is primed with Grease F02 on delivery



Control	Type	outlets	double-pump bodies	lubrication points	M12x1 plug	part-no.
24 V DC time-controlled	125	1	1	max. 4* / 10**	++	135-125-100
24 V DC pulse-controlled	125 DLS	1	1	max. 4* / 10**	++	135-125-210

* when using distributors / splitter

** when using distributors more lubrication points are possible!

Controlled minimum quantity lubrication for oil

24V DC

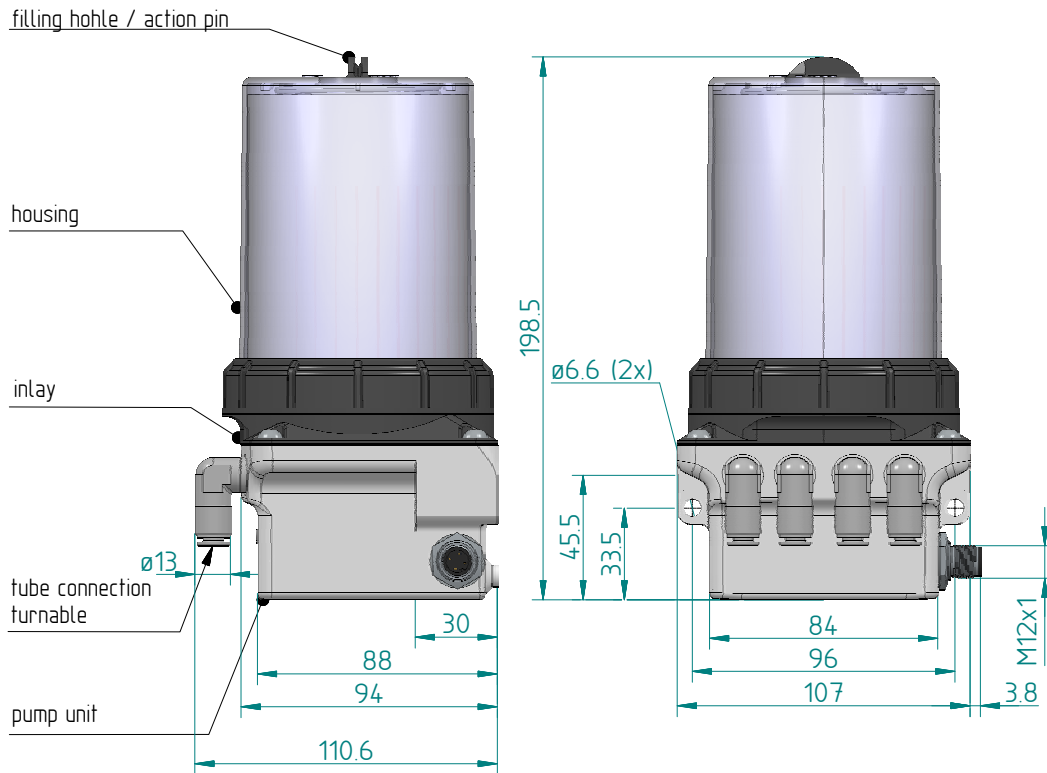
function:	piston pump
lubricant volume:	125 / 250 cc (in cartridge)
volume per stroke:	0.15 cc per outlet
number of pump strokes per cartridge 125 / 250 cc:	780 / 1560
operating pressure:	50 bar (725 PSI)
lubricant:	oil
operating temperature:	-10°C ... +60°C
number of outlets:	1
thread outlet:	G1/4 (M) and M6 (F)
operating voltage:	24 V DC (via cable)
connector:	M12 x 1, 4-pole
current consumption 24 V DC: assembly:	Imax. 350 mA Backside M5(i) (2x) or bottom M5(i) with G1/4"(a) or DLS accessories
mounting position:	cartridge up
control:	integrated microelectronic or PLC (#135-125-210)
running-time:	1 to 36 months (time-controlled)
max. amount per cycle:	max. 1.50
pressure monitoring:	integrated, electronic
level monitoring:	integrated, electronic
error message:	time-controlled: optical LCD pulse-controlled: SPS
error acknowledgment:	PLC (#135-125-210)
filling function:	available
protection class:	IP 54
housing material:	PA 6.6-GF 30 / POM



**Ideal for single or combined
relubrication of:**

- + chains
- + open gears
- + rails for rollers

FlexxPump 500 DLS



Control	Type	outlets	double-pump bodies	lubrication points	lubrication amounts	part-no.
pulse-controlled	511 DLS	1	1	max. 4* / 10 **	1	235-511-210
	512 DLS	2	1	max. 8* / 20**	1	235-512-210
	522 DLS	2 (1+1)	2	max. 8* / 20**	2	235-522-210
	523 DLS	3 (1+2)	2	max. 12* / 30**	2	235-523-210
	524 DLS	4 (2+2)	2	max. 16* / 40**	2	235-524-210

* when using distributors / splitter

** when using distributors more lubrication points are possible!

Controlled minimum quantity lubrication for oil

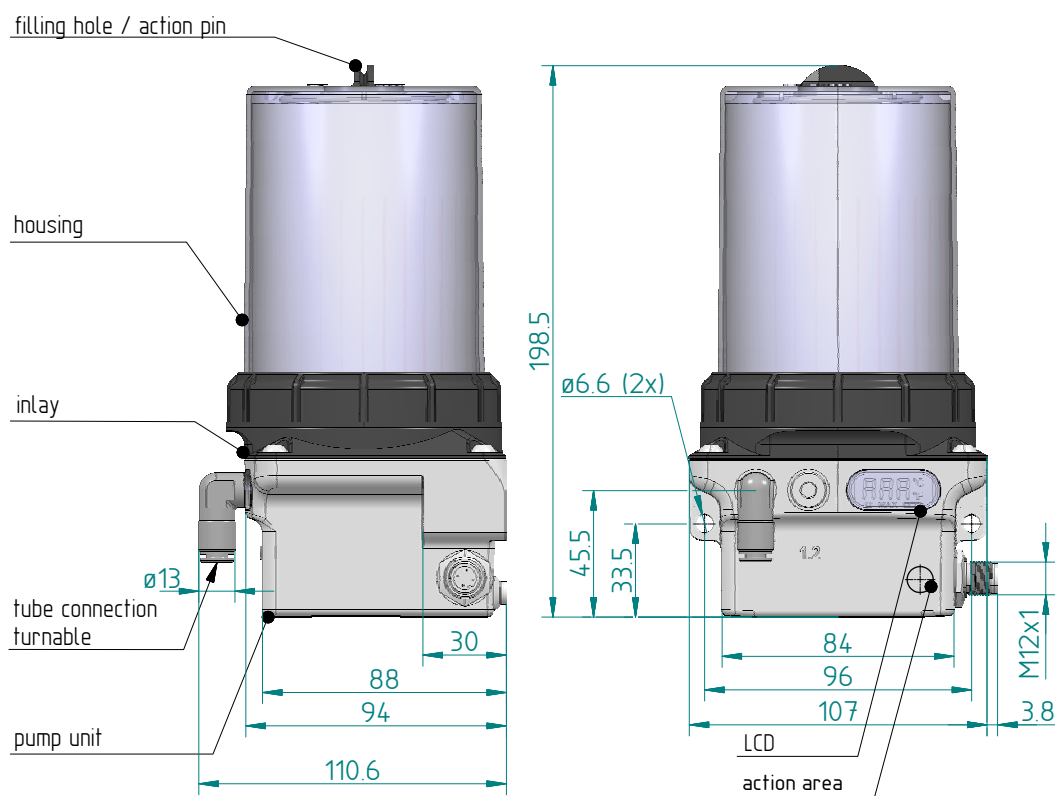
24 V DC pulse-controlled

function:	piston pump
lubricant volume:	oil, 400 ml (filled in directly)
volume per stroke:	0.15 cc per outlet
number of pump strokes per filling 400ml:	2600
operating pressure:	70 bar (1000 PSI)
lubricant:	oil, solid particles possible
operating temperature:	-10°C ... +60°C
number of outlets:	max. 4, right-angle, rotating
operating voltage:	24 V DC (via cable)
connector:	M12 x 1, 4-pole
current consumption 24 V DC:	Imax. 350 mA
mounting position:	Reservoir up
control:	PLC
max. amount per cycle:	4.50 cc
pressure monitoring:	integrated, electronic
level monitoring:	integrated, reed contact
error message:	PLC error message
optional:	angled plug with integrated LED (see accessories)
protection class:	IP 54
housing material:	zinc, polyamide



**Ideal for single or combined
relubrication of:**

- + chains
- + open gears
- + rails for rollers



2 setting modes:

E_t = emptying time: 1 - 36 months

+ C: 1 - 30 cycles

h = break time: 1 - 240 h

+ C: 1 - 30 cycles

Control	Type	outlets	double-pump bodies	lubrication points	lubrication amounts	part-no.
24 V DC time-controlled	511	1	1	max. 4* / 10 **	1	235-511-100
	512	2	1	max. 8* / 20**	1	235-512-100

* when using distributors / splitter

**** when using distributors more lubrication points are possible!**

Controlled minimum quantity lubrication for oil

24 V DC time-controlled

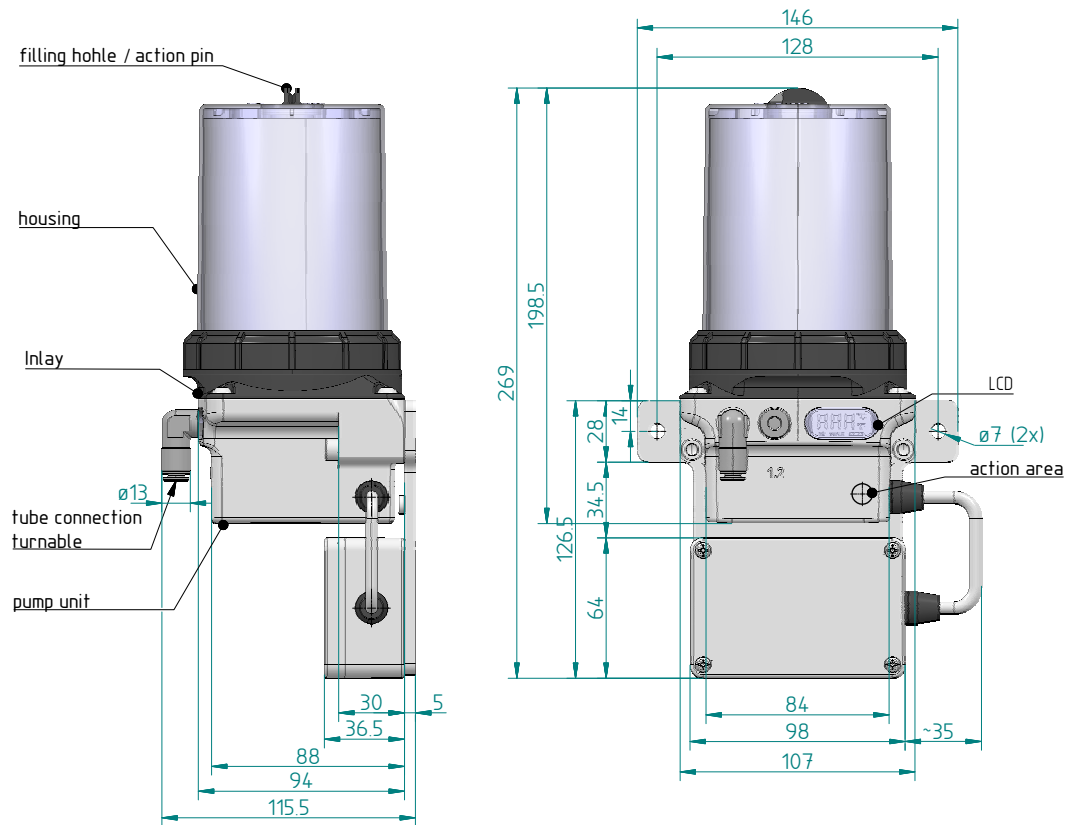
function:	piston pump
lubricant volume:	oil, 400 ml (filled in directly)
volume per stroke:	0.15 cc per outlet
number of pump strokes per filling 400ml:	2600
operating pressure:	70 bar (1000 PSI)
lubricant:	oil, solid particles possible
operating temperature:	-10°C ... +60°C
number of outlets:	max. 2, right-angle, rotating
operating voltage:	24 V DC (via cable)
connector:	M12 x 1, 4-pole
current consumption 24 V DC:	Imax. 350 mA
mounting position:	Reservoir on top
control:	integrated, microelectronic
running-time:	1 to 36 months
max. amount per cycle:	4.50 cc
pressure monitoring:	integrated, electronic
level monitoring:	integrated, reed contact
error message:	optical LCD
optional:	angled plug with integrated LED (see accessories)
protection class:	IP 54
housing material:	zinc, polyamide



**Ideal for single or combined
relubrication of:**

- + chains
- + open gears
- + rails for rollers

FlexxPump 500 B



2 setting modes:

E_t = emptying time: 1 - 36 months
+ C: 1 - 30 cycles

h = break time: 1 - 240 h
+ C: 1 - 30 cycles

Control	Type	outlets	double-pump bodies	lubrication points	lubrication amounts	part-no.
battery time-controlled	511 B	1	1	max. 4*	1	235-511-000
	512 B	2	1	max 8*	1	235-512-000

* when using distributors / splitter

With external battery compartment. Battery is not included.

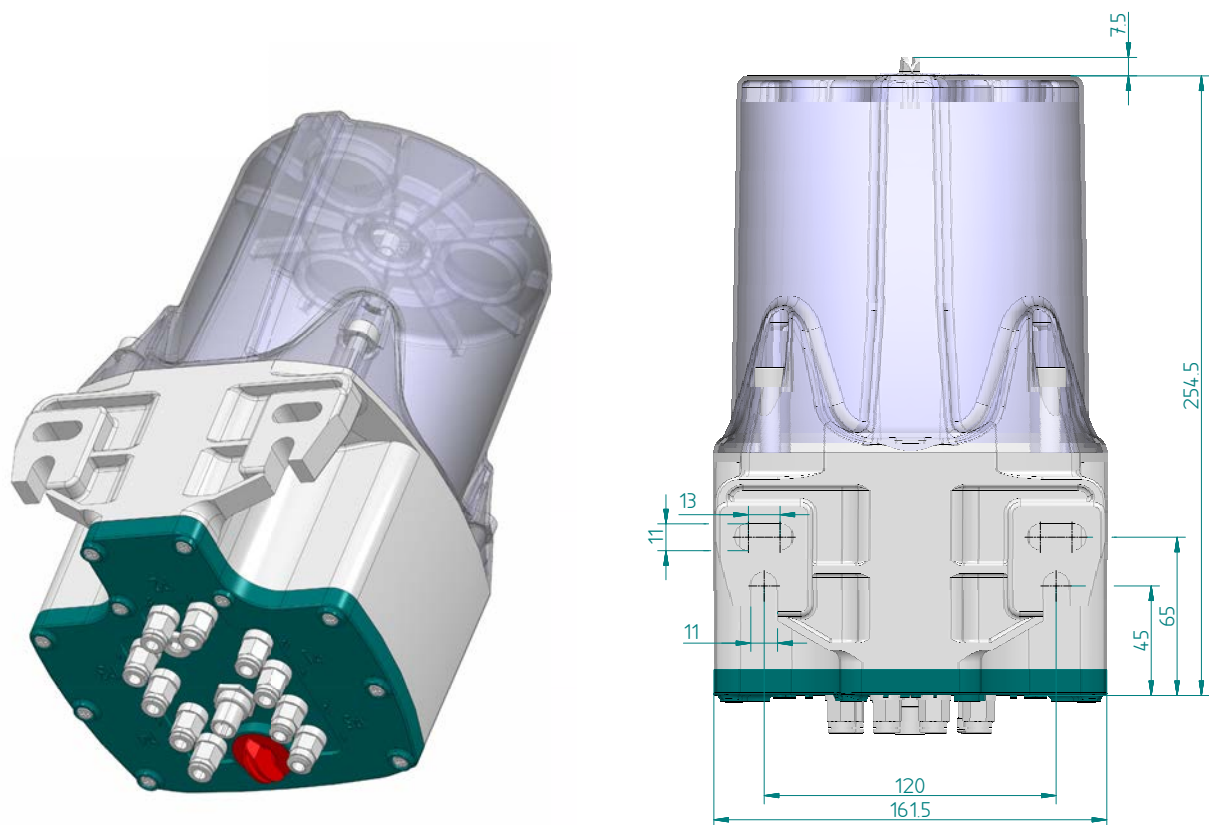
Controlled minimum quantity lubrication for grease, battery operated

function:	piston pump
lubricant volume:	oil, 400 ml (filled in directly)
volume per stroke:	0.15 cc per outlet
number of pump strokes per filling 400ml:	2600
operating pressure:	50 bar (750 PSI)
lubricant:	oil, solid particles possible
operating temperature:	-10°C ... +60°C
number of outlets:	max. 2, right-angle, rotating
battery voltage:	6 V
mounting position:	Reservoir on top
control:	integrated, microelectronic
running-time:	1 to 36 months
max. amount per cycle:	4.50 cc
pressure monitoring:	integrated, electronic
level monitoring:	integrated, reed contact
error message:	optical LCD
protection class:	IP 54
housing material:	zinc, polyamide



Ideal for single or combined relubrication of:

- + chains
- + open gears
- + rails for rollers



Control	Type	outlets	double-pump bodies	lubrication amounts	part-no.
pulse-controlled	2002	2	1	1	550-202-100
	2004	4	2	2	550-404-200
time-controlled	2006	6	3	3	550-606-300
	2008	8	4	4	550-808-400
	2010	10	5	5	551-010-500
Combination of outlets with Y-tube connector 134-002-000 possible!					

Controlled minimum quantity lubrication for oil

24 V DC

function:	piston pump
lubricant volume:	oil, 2000 cc (filled in directly)
volume per stroke:	0.15 cc per outlet
number of pump strokes:	12500
operating pressure:	70 bar (1000 PSI)
lubricant:	oil solid particles possible
operating temperature:	-10°C ... +60°C
number of outlets:	max. 10, straight
operating voltage:	24 V DC (via cable)
connector:	M12 x 1, 4-pole
current consumption 24 V DC:	Imax. 350 mA
mounting position:	reservoir on top
control:	integrated, microelectronic or PLC
running-time:	1 to 36 months (time-controlled)
max. amount per cycle:	4.50 cc
pressure monitoring:	integrated, electronic
level monitoring:	integrated, reed contact
error message:	pulse-controlled: PLC time-controlled: optical LCD
optional:	angled plug with integrated LED (see accessories)
protection class:	IP 54
housing material:	aluminum, polyamide



**Ideal for single or combined
relubrication of:**

- + chains
- + open gears