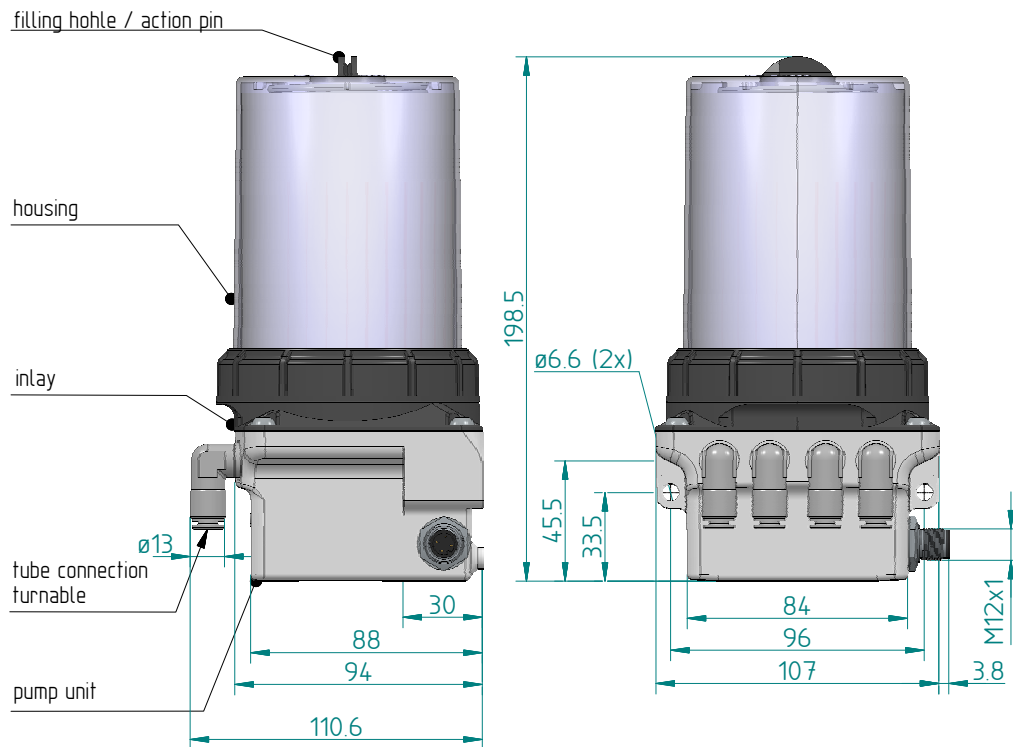


FlexxPump 400 DLS - GEN II



Control	Type	outlets	double-pump bodies	lubrication points	lubrication amounts	part-no.
pulse-controlled	411 DLS	1	1	max. 4* / 10 **	1	235-411-210
	412 DLS	2	1	max. 8* / 20**	1	235-412-210
	422 DLS	2 (1+1)	2	max. 8* / 20**	2	235-422-210
	423 DLS	3 (1+2)	2	max. 12* / 30**	2	235-423-210
	424 DLS	4 (2+2)	2	max. 16* / 40**	2	235-424-210

* when using distributors / splitter

** when using distributors more lubrication points are possible!

Controlled minimum quantity lubrication for grease, pulse-controlled

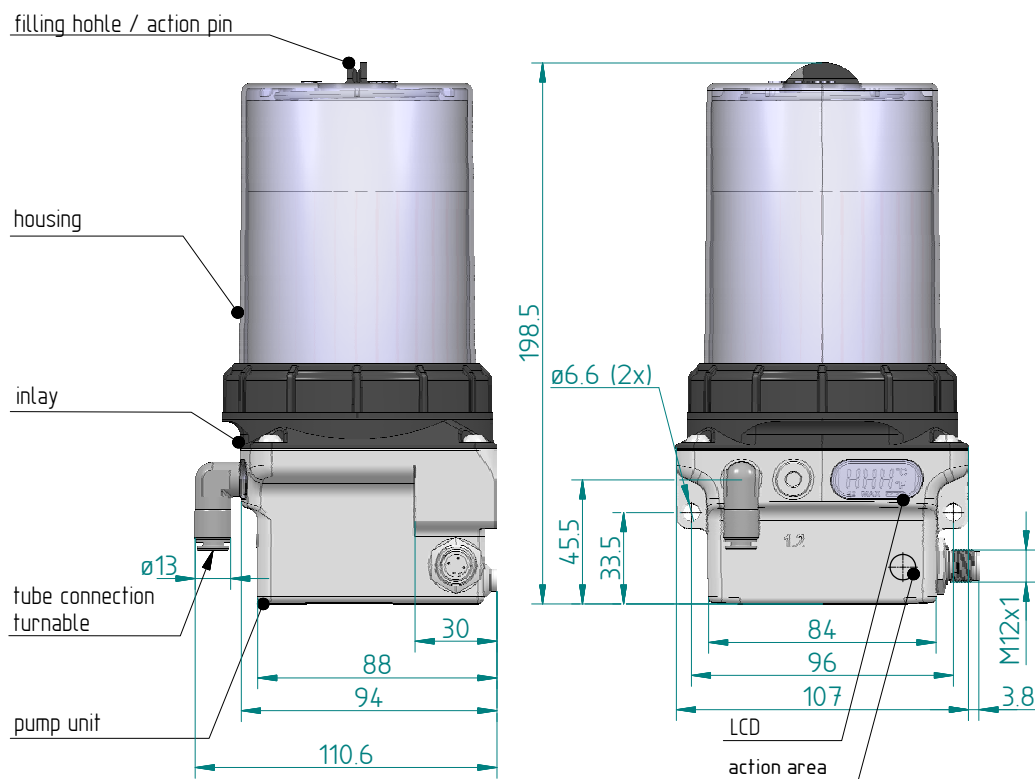
function:	piston pump
lubricant volume:	grease, 400 cc (in cartridge)
volume per stroke:	0.15 cc per outlet
number of pump strokes per cartridge 400 cc:	2600
operating pressure:	70 bar (1000 PSI)
lubricant:	grease, up to NLGI class 2, solid particles possible
operating temperature:	-10°C ... +60°C
number of outlets:	max. 4, right-angle, turnable
operating voltage:	24 V DC (via cable)
connector:	M12 x 1, 4-pole
current consumption 24 V DC:	Imax. 350 mA
mounting position:	All positions possible
control:	PLC pulse control
max. amount per cycle:	4.50 cc
pressure monitoring:	integrated, electronic
level monitoring:	integrated, reedcontact
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:

- + roller & ball bearings
- + linear guides
- + ball screw
- + racks / open gears
- + ball swivel connector

FlexxPump 400 - GEN II



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	411	1	1	max. 4* / 10 **	1	235-411-100
	412	2	1	max. 8* / 20**	1	235-412-100

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

Controlled minimum quantity lubrication for grease, 24 V DC time-controlled

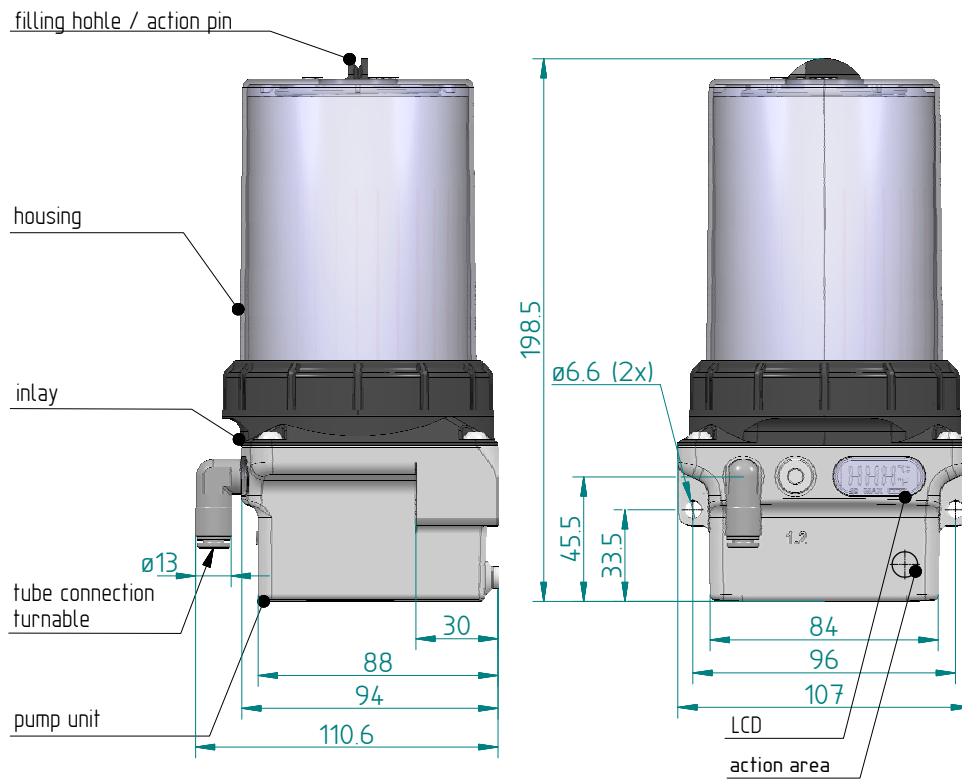
function:	piston pump
lubricant volume:	grease, 400 cc (in cartridge)
volume per stroke:	0.15 cc per outlet
number of pump strokes per cartridge 400 cc:	2600
operating pressure:	70 bar (1000 PSI)
lubricant:	grease, up to NLGI class 2, solid particles possible
operating temperature:	-10°C ... +60 °C
number of outlets:	max. 2, right-angle, turnable
operating voltage:	24 V DC (via cable)
connector:	M12 x 1, 4-pole
current consumption 24 V DC:	Imax. 350 mA
mounting position:	All positions possible
control:	integrated, microelectronic
running-time:	1 to 36 months
max. amount per cycle:	4.50 cc
pressure monitoring:	integrated, electronic
level monitoring:	integrated, reedcontact
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:

- + roller & ball bearings
- + linear guides
- + ball screw
- + racks / open gears
- + ball swivel connector

FlexxPump 400 B - GEN II



2 setting modes:

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

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

Controll	Type	outlets	double-pump bodies	lubrication points	lubrication amounts	part-no.
battery time-controlled	411 B	1	1	max. 4*	1	235-411-000
	412 B	2	1	max 8*	1	235-412-000

* when using distributors / splitter

battery not included! Please also order with part no.: 134-002-024.

Controlled minimum quantity lubrication for grease, battery operated

function:	piston pump
lubricant volume:	grease, 400 cc (in cartridge)
volume per stroke:	0.15 cc per outlet
number of pump strokes per cartridge 400 cc:	2600
operating pressure:	50 bar (725 PSI)
lubricant:	grease, up to NLGI class 2, solid particles possible
operating temperature:	-10°C ... +60 °C
number of outlets:	max. 2, right-angle, turnable
operating voltage:	6 V
mounting position:	All positions possible
control:	integrated, microelectronic
running-time:	1 to 36 months
max. amount per cycle:	4.50 cc
pressure monitoring:	integrated, electronic
level monitoring:	integrated, reedcontact
error message:	optical via LCD
protection class:	IP 54
housing material:	zinc, polyamide



Ideal for single or combined relubrication of:

- + roller & ball bearings
- + linear guides
- + ball screw
- + racks / open gears
- + ball swivel connector