



Piston Pump, Series KFAS1-B

battery-powered, for grease up to NLGI grade 2



The KFAS-Battery unit, a battery-powered unit, was developed for the automatic lubrication of hard-to-reach lube points without mains power.

The completely autonomous unit with integrated control system and feeder can supply as many as 20 lube points with exactly metered quantities of grease..

Battery-powered

– no expensive electrical installations

Battery life is one year or one reservoir filling – foreseeable maintenance intervals

Integrated control unit with visual and acoustic warning

– reliable monitoring of battery and lubricant level

Integrated block feeder for 6 to 20 lube points – simple, low-cost installation

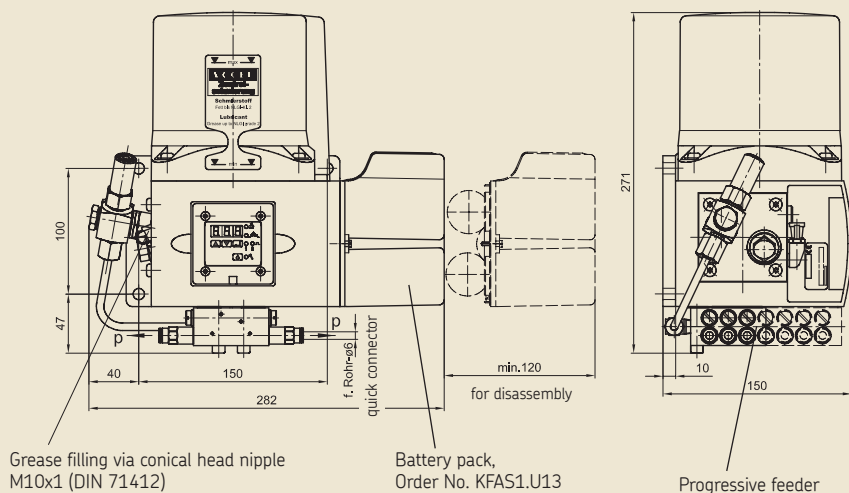
Operates at temperatures down –10 °C
– dependable supply of grease regardless of temperature swings

Simple battery change

– ecofriendly, easy to dispose of



KFAS1-B-W-7



Standard version with filling level monitoring Order No.	Max. number of outlet points	Weight incl. grease [kg]
KFAS1-B-W-3	6	6.7
KFAS1-B-W-4	8	6.9
KFAS1-B-W-5	10	7.1
KFAS1-B-W-6	12	7.3
KFAS1-B-W-7	14	7.5
KFAS1-B-W-8	16	7.7
KFAS1-B-W-9	18	7.9
KFAS1-B-W-10	20	8.1

Optional feature: unit with cycle switch
Order example:
KFAS1-B-W-Z-..

Technical data

Operating voltage	18 V DC
Max. operating pressure	150 bars
Delivery rate, outlet port 1	1 ccm/min (standard KFA1.U1)
Delivery rate, outlet port 2	without (standard) 1)
Operating temperature	-10 to +60 °C
Reservoir capacity	1 liter
Lubricant	grease up to NLGI grade 2 (NLGI grade 3 on request) with EP additives max. flow pressure 200 mbars
Type of enclosure	IP 65

1) Optionally expandable for second lube circuit:
 pump element KFA1.U1 – delivery rate 1 ccm/min
 pump element KFA1.U2 – delivery rate 0.75 ccm/min
 pump element KFA1.U3 – delivery rate 0.5 ccm/min

Control unit

Adjustable parameters	interval time contact time acoustic alarm cycle switch
Retrievable parameters	operating hours fault hours contact time software
Fault signals	reservoir empty (filling level) battery dead (battery status) temperature ≤ -10 °C malfunction (optional) (with optional cycle switch)

Competence center for industrial applications

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Order No. 1-1112-US (Subject to change without notice! 06/2006)

Accessory kit for lube point connections

Thread	up to 8 lube points Order No.	> 8 lube points Order No.
M10x1	186-817.01	186-818.01
G1/8	186-819.01	186-820.01