

FLOW SENSOR SSK

DP-K-011-000025



The SSK flow sensor is used to monitor lubrication points in centralized lubrication systems. Suitable for oils and fluid greases from 50 mm³.

TECHNICAL DATA

Detectable dosing quantities	≥ 50 mm ³
Cycle frequency	1 pulse per 1s
Viscosity (oil)	10 to 2000 mPas
Lubricant class (grease)	NLGI 0 to 00
Operating pressure	max. 50 bar
Operating temperature	dependent on medium -20 to +70 °C
Mechanical data	
Height x width x depth	35 x 45 x 25 mm (housing) 47 x 81 x 25 mm (total)
Housing material	AlMgSi1 E0/EV1 (anodized aluminium)
Mounting	M4 screws (two holes)
Medium connection	2x union screw M8x1 for Ø 4 mm
Installation type	<ul style="list-style-type: none"> ▶ for direct installation in the lubrication point supply line: any ▶ for small flow rates: preferably vertically in the direction of flow with medium outlet at the bottom
Protection class	IP 67 (with corresponding plug connector)
Electrical data	
Power supply	12–24 V DC ± 15 %
Switching function	PNP normally open contact
Output current	max. 200 mA (permanently short-circuit proof)
Current consumption	approx. 4 mA at 24 V DC
Connection	plug connector M8x1
Pin assignment	1(br) + / 3(bl) - / 2(sw) output with reverse polarity protection