

VOLUME SENSOR VCA0.04

DP-K-011-000002



The flow meter measures the moving dosing volume of liquids according to the gearwheel principle. A pair of gears fitted very precisely into the housing forms the measuring mechanism. The rotation of the measuring mechanism is detected tooth by tooth without contact by a signal pickup system and converted into digital pulses.

The integrated transducer with PNP outlet generates a pulse per tooth with a valence of 0.04 cm³.

The pulse frequency is proportional to the speed of the meter wheels, which are driven by the volume flow.

TECHNICAL DATA

Measuring range	0.004–4.00 l/min
Impulses	25.000 /l
P_{max}	200 bar
T_{max}	80 °C
Supply	10–30 V DC ± 10 %
Connection	G 1/4" lateral
Output	PNP
Adapter plug	DIN 43650A-M12