

VOLUME SENSOR VSE01

DP-K-011-000001



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.

TECHNICAL DATA	
Measuring range	0.004–4.00 l/min
Impulses	25.000/l
P _{max}	300 bar
T _{max}	100 °C
Supply	10–30 V DC ± 10 %
Output	PNP / NPN circuit
Adapter plug	–