TECHNICAL DATA SHEET

KROHNE

WATERFLUX3050C

FLOW DETECTOR



General	
Version	**Compact**

Process	
Medium	**Liquids**
Electric conductivity	**≥5 µS/cm (Water ≥20 µS/cm)**
Operating pressure	**Up to 16 bar / 232 psi for DN25... 00 / 1...12" Up to 10 bar / 150 psi for DN 50...600 / 14...24"**

Dimensions	
Nominal diameter	**DN25...600 / 1...24"**
Flange rating	**max. PN16 / ASME Cl 150**

Technical	
Measuring principle	**Faraday's law of induction**
Primary measured value	**Flow velocity**
Secondary measured value	**Volume flow**

Performance	
Measurement range	**-12...+12 m/s / -40...+40 ft/s**
Maximum measuring error	**down to 0.5% of the measured value ±1 mm/s**

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Electrical	
Output signals	**4...20 mA, pulse, frequency, status, HART ®, Modbus**

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