

Endress+Hauser Flow switch DTT31-A1A111DE2AAB

Flow switch for safe monitoring of flow rates and temperature in industrial processes, like cooling water circulation and lubrication systems. With on-site display for operational control and process information.



Picture for reference only. Product appearance may vary based on configuration

The switch is designed for the safe measurement, display and monitoring of relative mass flow rates of liquid media with practically no pressure loss. It can be selected between one or two switch outputs as well as one switch output and one standardized analog output for flow rates or temperature values. Typical applications are: Monitoring cooling water circulation processes or lubrication systems of pumps and heat exchangers or leak monitoring in process lines.

- Practically no pressure loss
- Function check and process information onsite thanks to digital display at device
- Top housing section which can be rotated 310° and rotatable display make it possible to read the measured values in all orientations

Configuration of DTT31-A1A111DE2AAB:

Approval:	A	Non-hazardous area
Electrical Connection:	1	Plug M12
Power Supply; Output:	A	18-30VDC; 1x switch PNP
Display:	1	Digital
Application; Measuring Range:	1	Liquid, -20...+85oC, 0.03-3m/s
Adjustment:	1	On site
Process Connection; Material:	DE	NPT1/2 male thread ANSI; 316L
Insertion Length L; Diameter D:	2A	30 mm; 6mm
Additional Option; Material Certificate:	A	Basic version; not needed
Version:	B	Standard, documentation English

Alternative part number: DTT31-A1A111DE2AAB