

UFM 6740

Ultrasonic Water Meter



Introduction

This is a battery-powered, Transit Time Flowmeter utilising advanced digital processing technology. The meter contains no moving parts and does not require external power. It also has advantages such as ultra-low power consumption, high accuracy and reliability. The meter is designed for easy installation. It has the same conduit length as industrial mechanical water meter, but can be used just as conveniently as a mechanical water meter.

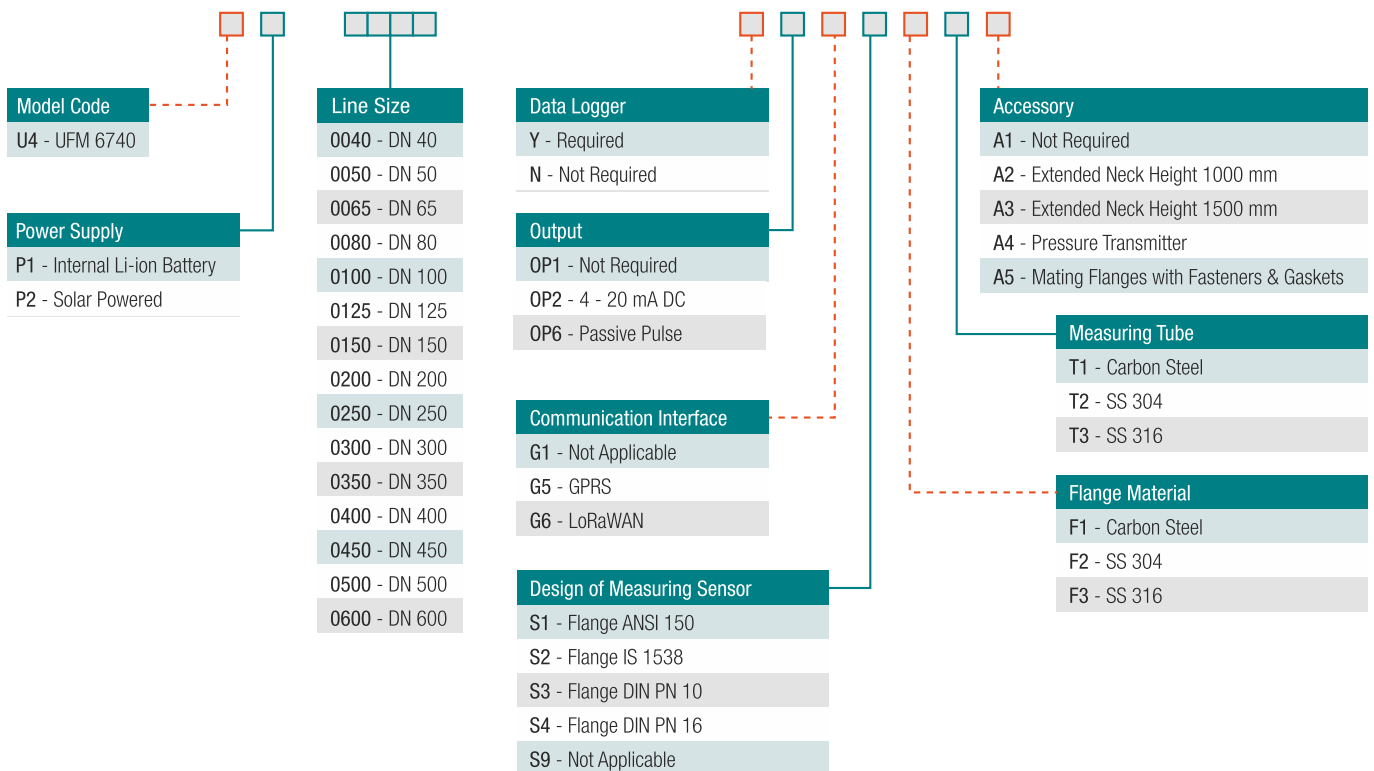
Benefits

- ▲ Long-term stability and accuracy over a wide range of conditions
- ▲ High reliability and minimum maintenance requirement
- ▲ Maintenance-free meter where no external power sources are available
- ▲ Fast response to flow transits
- ▲ Communication port permits transfer of data from remote stations to central system via, GPRS Modem, LoRaWAN
- ▲ Available with AMR function
- ▲ Self-adjusting sensor receiving circuit continually adapts to changing pipe diameters due to scaling or corrosion
- ▲ Battery life - 5 years (10 years optional)
- ▲ Unique housing design rated to IP 68
- ▲ On-board self diagnostic function and fault indicator
- ▲ Optional feature to integrate Pressure Transmitter

Technical Specifications: UFM 6740

Parameters	Specifications
Technical characteristics	Low power consumption, digital process technology with stable piezoelectric sensor
Accuracy	±1% of reading
Repeatability	0.2% of Span
Display	Total flow, flow rate, velocity, working time & date, signal intensity, quality & battery status
Output	4 - 20 mA DC, RS 485 (Modbus RTU), Pulse for total flow (All outputs need external power supply 24 V DC)
Communication interface	GPRS, NB-IoT and LoRaWAN
Operation	Inside keypad available
Sampling period	1 sec.
Environment temp.	Up to 65°C
Water temp.	5 to 70°C
Power supply	Li-ion battery, solar powered
Enclosure class	IP 68
Pipe size	DN 40 - 600
Flange standard	ANSI, IS, DIN PN, BS
Pressure transmitter	Range 0-16 kg/cm ² , IP 68, 1/2" male threaded, accuracy 0.25%

Ordering Code: UFM 6740



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