

Own the flow

AQUAMETRO



FUEL OIL METERS

CONTOIL® DN 4 - 8

YOUR PROJECT - OUR HIGH-QUALITY PRODUCTS

Since 1928, Aquametro has been among the leading manufacturers and suppliers of measurement, optimization and monitoring solutions for all kinds of fluids on ships, vehicles and industrial applications.

Our range consists of more than 100 different oil fuel meters and management systems which have been developed specially for ships, transport vehicles and other heavy machinery in the shipping and industrial sector.

Aquametro operates from its headquarters in Therwil/Switzerland and Rostock/Germany as well as from Singapore for the Asian market. With further subsidiaries in South Korea and China and representation offices in India and Japan plus a global service network and numerous sales partners around the world we can offer you seamless, professional and solution-driven support.



Shipping

Wherever you go in the marine and river ship industry, you'll find Aquametro. On all oceans and rivers, our products and solutions are hard at work.



Vehicles

Precise monitoring of the fuel consumption in all diesel driven vehicles as well as stationary genset and boiler is an important task with an ever growing ecological awareness.



Industrial

Aquametro provides specific products and solutions that help our customers to measure all chemical and industrial liquids at high accuracy and process safety.

CONTOIL®

Fuel oil meters DN 4 - 8 (12)

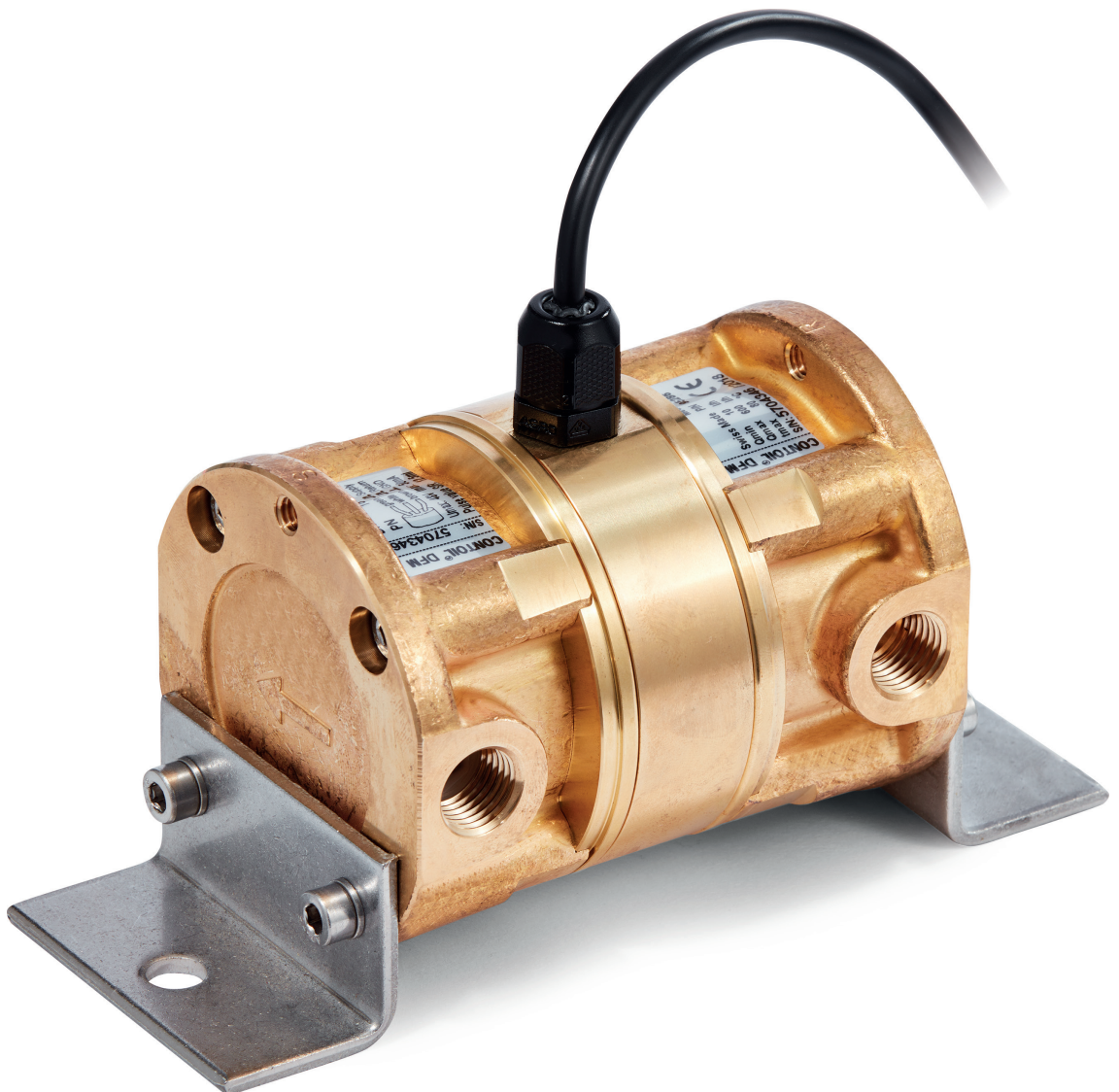
Fuel consumption measurement for trucks, buses, trains, construction and agricultural machinery, small boats and generators as well as for burners.

Features:

- » Supports most used models of vehicles
- » Proved and tested system
- » Easy and accurate reading of engine fuel consumption

Benefits:

- » Low installation costs
- » Quick and easy installation
- » Short down-time of vehicle
- » Quick pay-back period



THE RIGHT CHOICE

for a most accurate flow measurement

CONTOIL® VZO 4 + 8

The standard in burner application

For more than 75 years the CONTOIL® VZO is the standard for all residential boiler and burner systems worldwide. The proven design with a large variety of connectors makes the CONTOIL® VZO easy to adapt in all heating fuel burner as well in all engines and generators, where highest accuracy and widest flow range for a reasonable price is a must!

In addition, the CONTOIL® VZO can be ordered with different pulse output to be connected to all existing control systems!



CONTOIL® VZD2 4, 8 + 8E / VZP 4 + 8

Do you prefer a direct consumption measurement?

The CONTOIL® VZD2 / VZP series was specifically designed for use in vehicles under rough environmental conditions. Consumption is read either directly on the meter or using a specifically developed remote display or board computer.

The integration in a vehicle fleet monitoring system is possible at any time.



Hydraulic

VZD2 4, 8 + 8E / VZP 4 + 8

Hydraulic connections 1/8" and M14x1.5

Main characteristics:

- » Optimal flow range 1 - 600 l/h
- » Temperature ranges -30 to +80 °C
- » Nominal pressure PN 25

Electronic read out

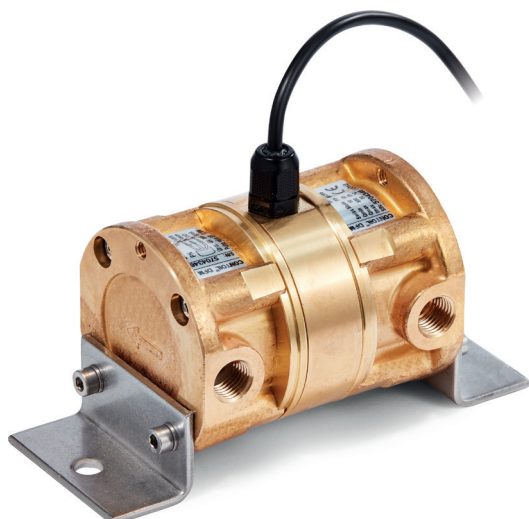
VZD2 / VZP 4 + 8

- » Electronic display: VZD2
- » Serial bus connection RS485: VZD2
- » Pulse output signal: VZD2 / VZP

CONTOIL® DFM 8ECO / 12ECO

Customers using a fleet management system appreciate the robust and compact design, the easy installation and operation of our CONTOIL® DFM meter.

The high accuracy applies to a wide range of 10 l/h to 600 l/h. The specifications comply with the guidelines laid out by the automotive industry and are even exceeded in some aspects.



Hydraulic

DFM 8ECO / DFM 12ECO

Hydraulic connections M14x1.5

Main characteristics:

- » Optimal flow range 10 - 600 l/h
- » Temperature ranges -30 to +80 °C
- » Nominal pressure PN 16 bar

Electronic read out

DFM 8ECO / DFM 12ECO

- » Pulse output signal

OPERATING PRINCIPLE

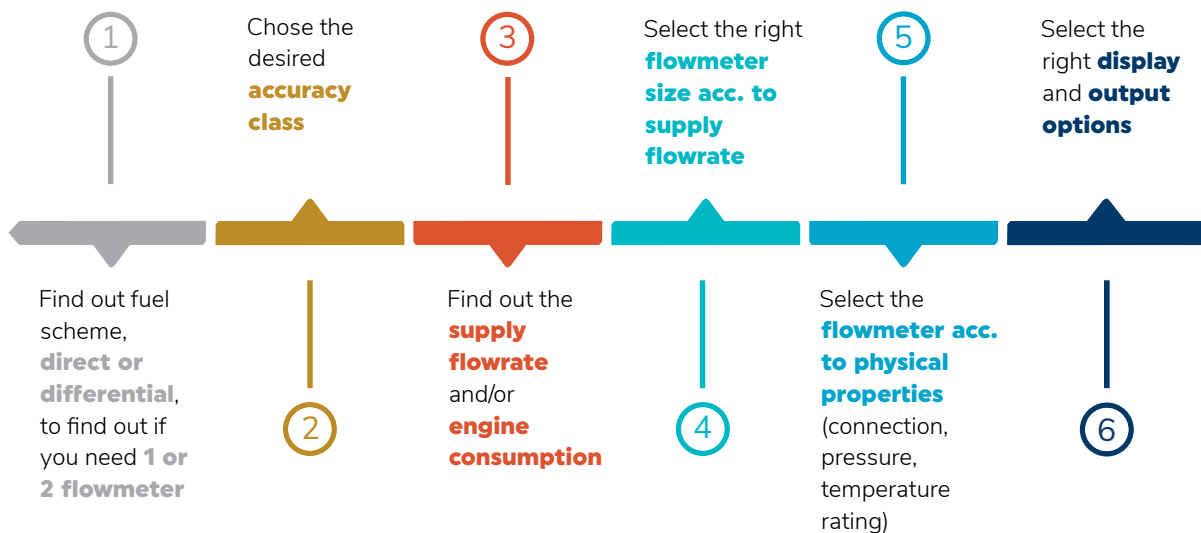
Function

CONTOIL® fuel oil meters work on the volumetric principle of rotary piston meters (positive displacement meters). The main features of this measuring principle are large measuring ranges, high accuracy, suitability for high viscosities and independence from power supply. Flow disturbances do not influence proper operation.



Leading manufacturers of oil burners and operators of heating systems, ships or diesel engines rely on CONTOIL® fuel oil meters - and with good reasons.

SELECTION CRITERIA



CALIBRATION AND CERTIFICATION

High precision measuring systems

As an authorised and recognised calibration laboratory for Switzerland and Germany, we maintain an independent, Europe-wide accredited calibration laboratory for oil quantities according to ISO / IEC 17025.

We propose test and calibration services for all our meters and volume measuring parts as well as their additional components on our own test and calibration equipment. A calibration certificate according to EN 17025 documents the quality of our products and systems





You will find detailed technical data on the product range and project planning notes in our technical documentation.



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