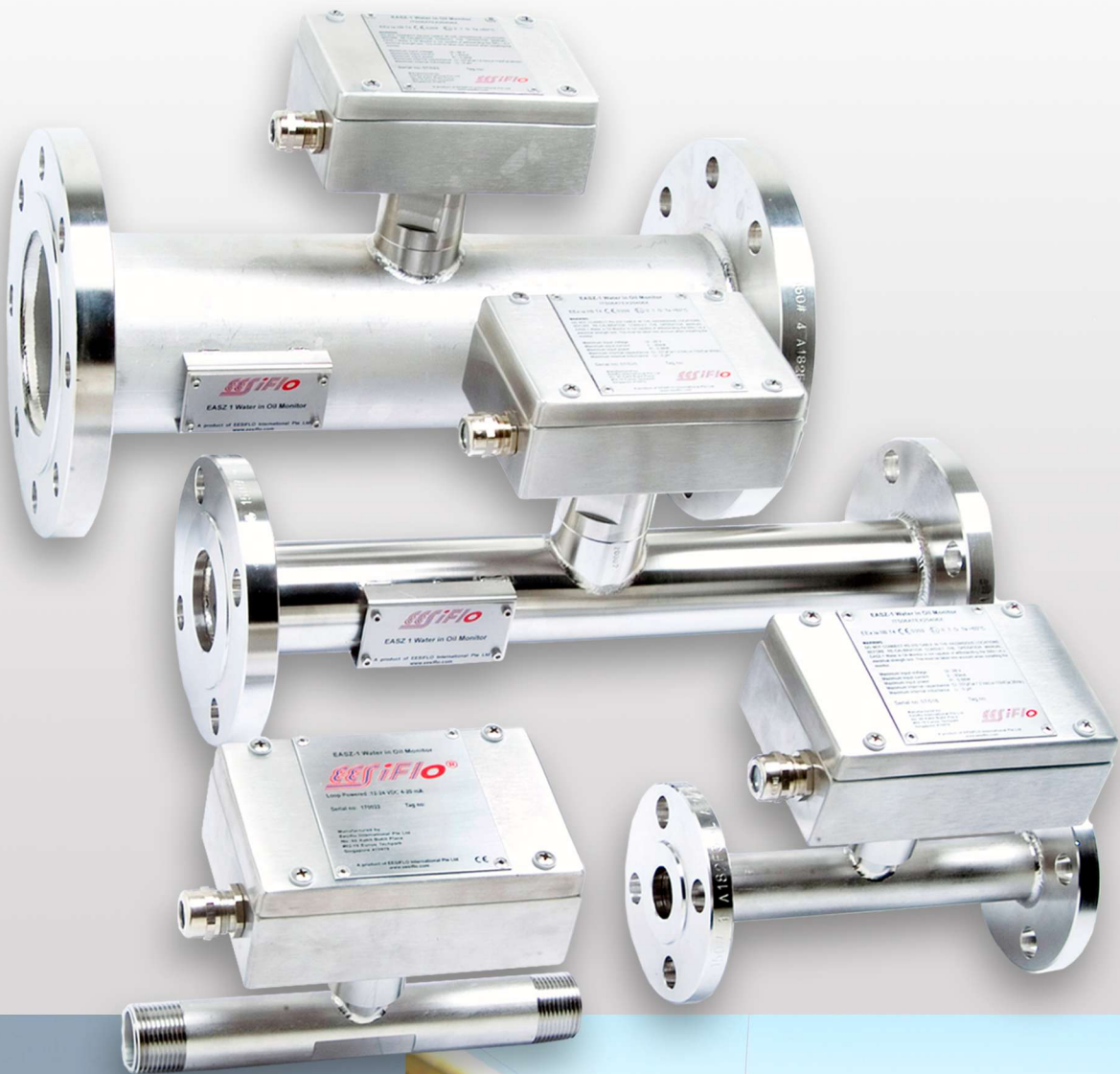




# EASZ-1 WATERCUT MONITORS





## About Us

EESIFLO® is a member of the EES group of companies which was formed in 1983 by the founder, a British chemical engineer with a previous background in the hydrocarbon industry. Over the past quarter of a century, the EES group has diversified into manufacturing in Singapore following the acquisition of factory premises, intellectual property and patents.

EESIFLO® International Pte Ltd is now a supplier to over one hundred countries. The group now has offices in Singapore, USA, United Kingdom, Australia and Sweden. All technical development, systems assembly, manufacturing, inspection and testing of our original products are done in our three premises in Singapore. The group has warehouse facilities, sales engineering and manufacturing facilities at Eunos Tech Park. EESIFLO® International Pte Ltd is certified by the Singapore government as a manufacturer with licensed premises for manufacturing.

As a company, we believe it is of utmost importance to maintain quality, efficiency and safety in the manufacturing of our products and systems. We also believe in the safety of company personnel and protection of the environment where possible. To date we have acquired the following quality/safety certifications. In the latter part of this company profile are copies of our ISO 9001 UKAS/USA, ISO 18001, CSA certification, ATEX certification, IECEX certification and factory license. We are also currently manufacturing to requirements of the European PDE (Pressure Equipment Directive).



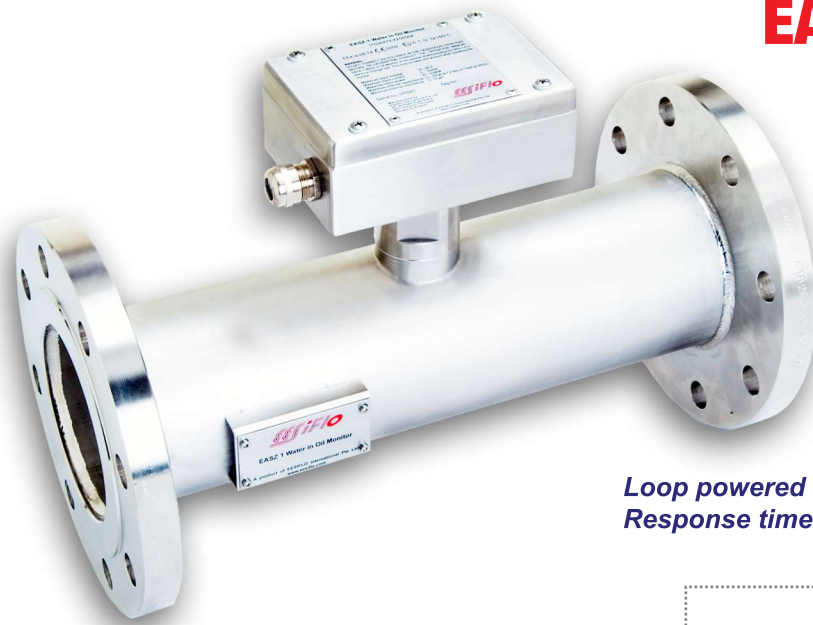
# EASZ-1 LOOP POWERED WATERCUT METER

*CE compliant IP66 rated Available in non-hazardous and hazardous area versions*

*Screwed NPT, BSP, BSPT threads or ANSI, JIS or DIN flanges*

*Standard temperature range up to 140°C / 284°F*

*Loop powered 2 wire  
Response time 1 second*



## Overview

No more struggling with bypass loops. The EASZ-1 is manufactured to fit your process line which ensures that maximum flow rate is available to the sensing elements. Completely fabricated out of 316 stainless steel to suit almost any application and a simple set up and calibration procedure, combined with low powered digital circuitry, the EASZ-1 is the watercut meter of choice. Rather than forcing operators to select limited size and models, the EASZ-1 can be manufactured to any line size commonly found in the industry. It's simple component design and rugged construction make it an excellent choice for all types of upstream or downstream operators. Not all conditions are the same for every operator. For those of you who want the best results out of your BS&W measurements, EESIFLO® draws on its members 22 years of experience.



## Features

- All 316 stainless construction
- 1 inch to 48 inch Bore sizes
- IP 66 Enclosure
- Loop Powered EEX ia IIB T4 ATEX IECEx and CSA approved
- Low range version Jumper Selectable 0-0.1%, 0-1%, 0-3%, 0-10% and 0-25%,
- High range version 0-100%

## Applications

- Crude oil BS&W measurements
- Emulsion Control
- Aviation Fuel
- Petroleum by-products
- Desalters
- LACT units
- Dewatering
- Oil Quality Control
- Oil Water Separator Vessels
- Wash Tank Effectiveness
- Free Water Knockouts
- Heater Treaters
- Separation Vessels
- Hydrocarbons

## Industries

- Oil Production
- Oil Distribution
- Refining
- Petrochemical
- Aviation
- Chemical Plants
- Pharmaceutical



For a detailed technical / commercial offer, please furnish us with the following details

1. Line size, line material, schedule
2. Pressure rating, flange details
3. Flow rate max/min
4. Type of fluid
5. Temperature ambient, temperature of fluid
6. Water content range
7. Documentation requirements
8. Area electrical certification required
9. Local indication requirements
10. If NACE MR0175 required
11. Others

## Field Support / Factory Training

EESIFLO® International also devotes itself to the factory training of its own personnel, agents, representatives and clients in its facilities in Singapore.

Our service personnel are familiar with start up, installation and servicing/ outdoor training of its products and our personnel are regularly involved with clients in all fields of the hydrocarbon industry. Our field engineers have BOSET licenses and have experience in offshore environments or onshore hydrocarbon environments.

The main products/packages manufactured and supplied by EESIFLO® International Pte relate mainly to the oil and gas industry. These include online watercut monitoring (BS&W), static mixers, crude oil

sampling packages and non-intrusive flow measurement of liquids.

We not only offer our products but our expertise in the areas of static mixing through EESIMIX which enables us to provide complete solutions to those of you looking for “something better” than what is currently being offered. This might include our upstream static mixers, sampling ports and other accessories to ensure a representative sample and a representative calibration and measurement.

All EASZ-1 products are manufactured to the highest quality standards and acceptable delivery schedules. Our worldwide network of trained engineers are ready to assist you at any stage of your current requirements.

### REPRESENTATIVE DETAILS

