

# Fuel oil meters Hz



## Fuel oil meter HZ 3

For oil fired stoves operated either in suction or pressure mode. The meter increases the counter by one litre after each rotation of the pointer (= 1 litre). The oil meter HZ 3 is calibrated and displays consumption accurately to  $\pm 1\%$ . Very quiet operation. Suitable for fuel oil EL and diesel oil.

### Technical specifications

#### Metering range

0.1–99,999 litres

#### Volume flow, calibrated

0.18–12 l/h

#### Nominal pressure: 6 bar

#### Operating temperature range

Max. 60 °C

#### Connection thread

2 x G<sup>1</sup>/<sub>4</sub> female threads

#### Mounting

Vertical

#### Dimensions

W x H x D: 130 x 110 x 110 mm

PTB approval 5.223/92.02



## Fuel oil meter HZ 5

For mounting between the pump and the solenoid valve directly at the burner. HZ 5 is suitable for use in suction and pressure systems. If used for suction operation, a filter must be installed upstream of the fuel oil meter. Litre indication via the roll counter is accurate to  $\pm 1\%$ . For pumps with integrated solenoid valve, please order an additional solenoid valve and the appropriate installation kit.

### Technical specifications

#### Metering range

0.1–99,999.9 litres

#### Volume flow

0.7–40 l/h = 0.6–34 kg/h

#### Burner capacity

7–400 kW

#### Nominal pressure

25 bar

#### Operating temperature range

Max. 60 °C

#### Connection thread

2 x G<sup>1</sup>/<sub>8</sub> female thread

#### Mounting

Connections facing down

#### Dimensions

W x H x D: 60 x 85 x 60 mm



## Solenoid valve for oil burners

For connection downstream of fuel oil meter HZ 5 to prevent dripping. 2/2 way version, directly controlled. Coil AC 230 V, suitable for 100 % „energised“ operation, for 3-pole AMP plug. Please order cable for plug separately.

### Technical specifications

#### Nominal width

DN 1.7 mm

#### Nominal pressure

0–25 bar

#### Operating temperature range

Ambient: Max. 40 °C

#### Connection thread

2 x G<sup>1</sup>/<sub>8</sub>

#### Dimensions

W x H x D: 50 x 56 x 27 mm

#### Protection

IP 65 (EN 60529)

#### Cable for plug

Oil resistant cable with AMP plug for solenoid valve, 3 poles.

#### Length

350 mm

| DG: H                                    | PU | Part no.      | Price € |
|--|----|---------------|---------|
| Fuel oil meter HZ 3, factory tested      | 1  | <b>20523</b>  |         |
| Fuel oil meter HZ 3 with EWG calibration | 1  | <b>20523E</b> |         |
| Fuel oil meter HZ 5                      | 1  | <b>20525</b>  |         |
| Solenoid valve for oil burners           | 1  | <b>20530</b>  |         |
| Cable for plug                           | 1  | <b>20540</b>  |         |