EP-ESS3
Data logger for pressure and temperature

- **Measurement and storage of fault analysis in pipe systems**

- **Pipe system calculations**

- **Leak tests**

- **Operational monitoring of pipe systems**

- **Functional monitoring in gas pressure control stations**

PROTECTION CLASSES

Housing class depends on sensor
Relative pressure IP67
Absolute pressure IP68
Temperature IP68
Differential pressure IP68
Explosion protection Ex ib IIC T4

HOUSING, CONNECTIONS

Dimensions: Width: 108 mm
Depth: 80 mm
Height: 162 mm (with screw sensor pressure)
Weight: 1,2 kg

INTERFACES

IrDA interface
Display
Keyboard
Sensor connection (thread M30) for one pressure or one temperature sensor

OPERATION

Battery capacity: 7,2 Ah
Operating time up to 8 years
Maintenance interval: In accordance with DVGW G469:2010
1 year factory calibration; DKD calibration possible

FUNCTIONAL SCOPE

Displaying of: Actual value
Max. / min. value
Differential value
Memory utilization
Battery status
Setting of: Time and date
Measuring cycle 125 msec..6 h
Lower / upper alarm threshold
Averaging 2600 values
Resolution
Name of measuring point (29 characters)
Storage procedure (rolling / static)
Power save modus
Setting via: Menu via Keyboard
TfsWin 3 software via IrDa interface cable
Storage: 250.000 date-time values / 512 kB; typically sufficient for 2 years using data compression
Software: TfsWin 3 for parameterization, transfer, presentation, analysis, and archiving of data