

Pulser IN-Z61 Pulser for mechanical gas meters



Application

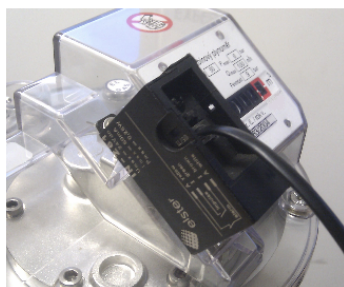
- Pulse transferral on to a control system
- Digital control and regulation

Features

- Pulser can be retrofitted without breaking the verification seal
- Tamper detection

Configuration

For Radial-Blade Turbine gas meters
EQZ / EQZK / TRZ (Order No. 82.5016)



Documentation: Radial-Blade Turbine
gas meters - DBE30100-1 / -2 / -3

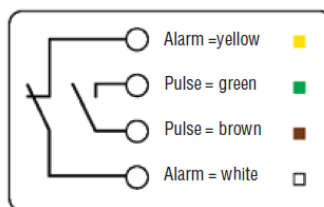
Functioning principle

A pulse magnet in the register of the Radial Blade turbine meter activates a reed switch in the pulse transmitter. A second reed switch allows for the detection of magnetic tampering and interruption of the cable connection.

Technical Data

Service life	min 2×10^7 pulses
Voltage	$U_{max} = 24$ VDC
Current	$I_{max} = 50$ mA
Power	$P_{max} = 0,25$ W
Closing time	$t_{min} = 0,25$ s
Resistance (closed)	$R_{max} = 0.5$ Ohm
Pulse value	1 pulse = $1m^3$
Operating temperature	- 10 °C to + 50 °C
Connection cable	length 1,5 m

Connection diagram



Alarm - Alarm contact, Reed switch (normally closed)
Pulse -Totalizing contact, reed switch (normally open)