

# IN-Z61-IN-Z65

Low frequency pulse transmitter

## Applications

Retrofittable pulse transmission from a mechanical index

## Brief information

The pulsers IN-Z61–IN-Z65, in conjunction with Honeywell diaphragm gas meters, are applicable with standard index. Integrated Reed contacts periodically open and close depending on the index progress. In connection with an additional device the consumption data can be used for further data processing.

## Operating principle

A pulse magnet in the first moving drum of the index type Z3/Z6 activates a reed switch in the pulse transmitter.

A second reed switch allows the detection of magnetic tampering and interruption of the cable connection (not for IN-Z62).

The pulse transmitter can be connected via a sealable standard plug and socket system (only for IN-Z61).

Diaphragm gas meters BK-G1,6 to BK-G100 are equipped with the index Z3/Z6 and pulse magnet and can be retrofitted anytime without breaking the government's seal.

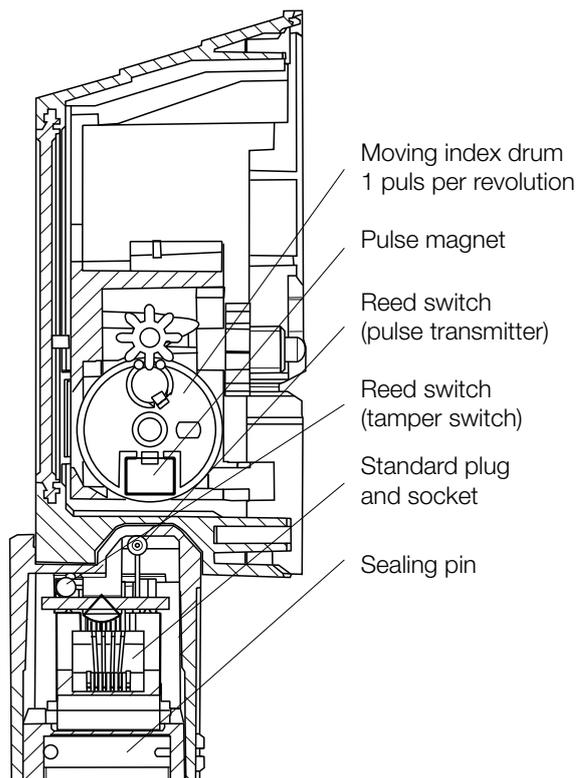
Diaphragm gas meters BK-G40 to BK-G100 are equipped with the IN-Z61 serial.

The pulse transmitter is fixed to the index with an anchor clip.



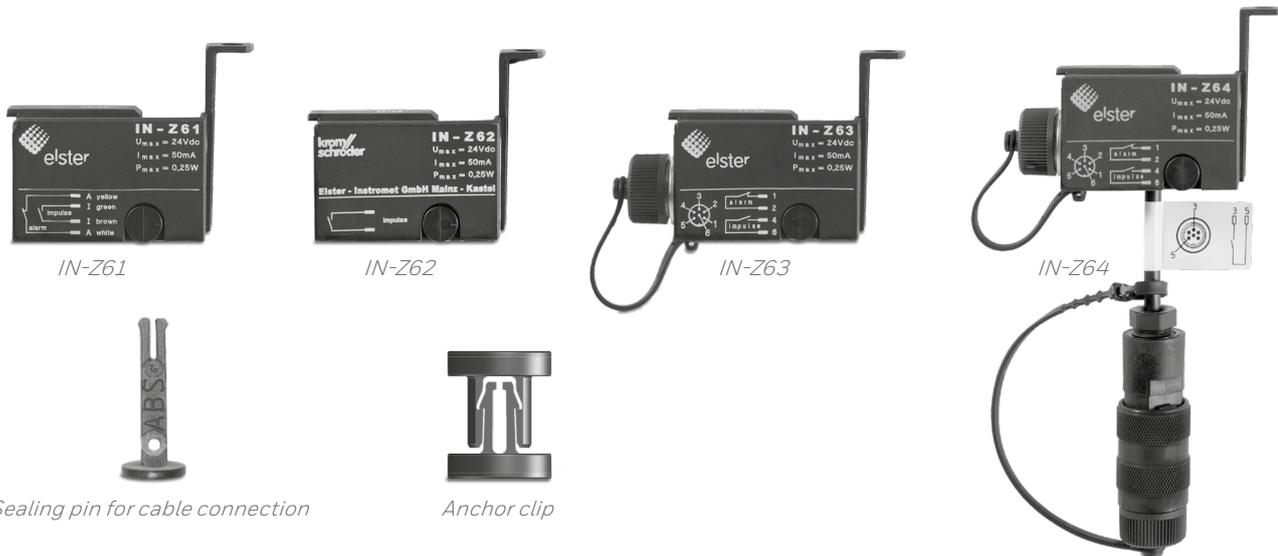
## Main features

- Applicable for all Honeywell diaphragm gas meters with pulse output
- Retrofittable (on request)
- Assembly without impairment of calibration validity
- Alarm contact (see versions)



| Technical data |   |
|----------------|---|
| Lifetime       | min $2 \times 10^7$ (operations of the totalizing switch) |
| Voltage        | $U_{max} = 24 \text{ V DC}$                               |
| Current        | $I_{max} = 50 \text{ mA}$                                 |
| Power          | $P_{max} = 0,25 \text{ W}$                                |
| Closing time   | $t_{min} = 0,25 \text{ s}$                                |
| Resistance     | $R_{max} = 0,5 \Omega$ (closed)                           |

## Versions of the pulse transmitter



## Contacts of the pulse transmitter

|        |  |   |
|--------|--|---|
| IN-Z61 |  | Plug connection:<br>Standard Modular Plug 6/4 according to FCC part 68  |
| IN-Z62 |  | Grommet,<br>Clamp connection via 2 luster terminals in the housing  |
| IN-Z63 |  | Connector assignment<br>Plug connector:<br>Binder male socket series 423 or 723   |
| IN-Z64 |  | Connector assignment<br>Plug connector 1:<br>Binder male socket series 423<br><br>Plug connector 2:<br>Binder male cable connector series 723 |
| IN-Z65 |  | Grommet,<br>with cable  |

A: Alarm contact, reed switch (normally closed), I: Totalizing contact, reed switch (normally open)

For more information, please contact: [www.elster-instromet.com](http://www.elster-instromet.com)

**Germany**  
**Elster GmbH**  
 Strothweg 1  
 49504 Lotte  
 Tel. +49 541 1214-0  
 Fax +49 541 1214-370  
 info-instromet-GE4N@honeywell.com  
 www.elster-instromet.com

**United Kingdom**  
**Elster Metering Limited**  
 Paton Drive, Tollgate Business Park  
 Beaconside Stafford, ST16 3EF  
 Tel. +44 1785 275200  
 Fax +44 1785 275300  
 solution.elster@honeywell.com  
 www.elster-instromet.com

**Ireland**  
**Active Energy Control Ltd.**  
 Unit 4, Clare Marts, Quin Road  
 Ennis, Co. Clare  
 Tel. +353 65 6840600  
 Fax +353 65 6840610  
 info@aec.ie  
 www.aec.ie