

IN-Z61 – IN-Z65

Low frequency pulse transmitter



Applications

Retrofittable pulse transmission from a mechanical index

Brief information

The pulsers IN-Z61-INZ65, in conjunction with Elster 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.

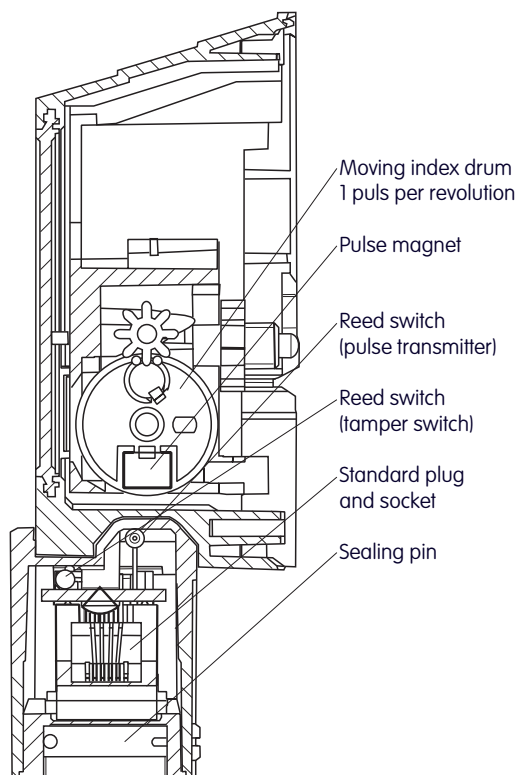
A second reed switch allows the detection of magnetic tampering and interruption of the cable connection. (Not for IN-Z62)

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.



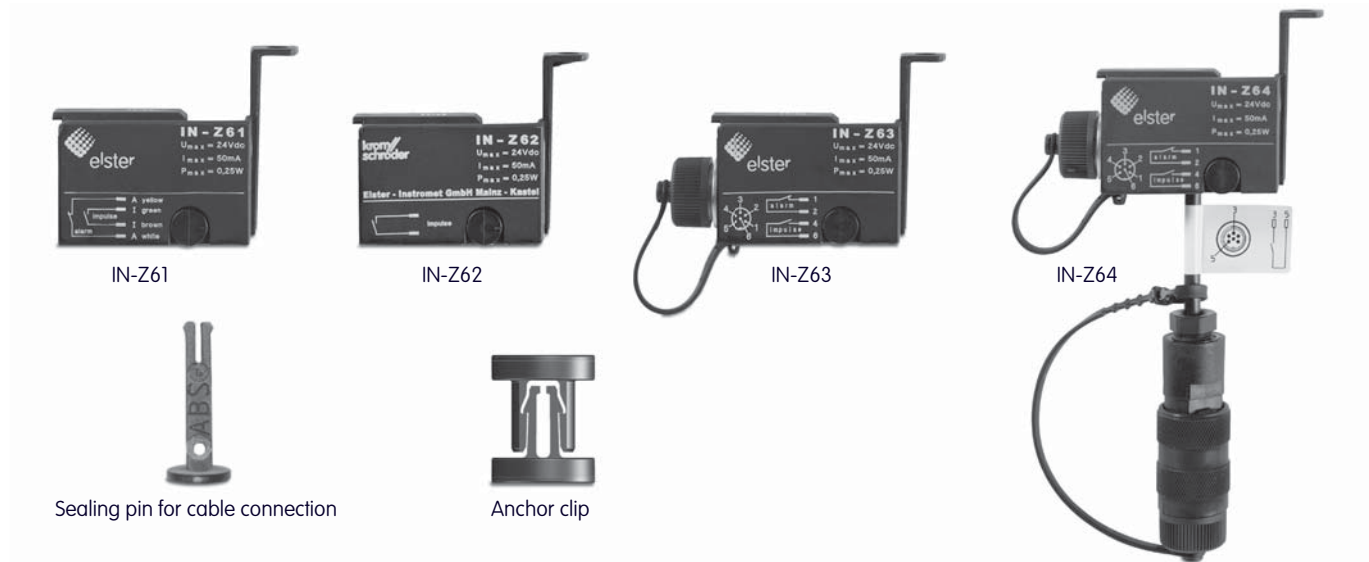
Main features

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

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Technical data	
Lifetime	min 2×10^7 (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: Standard Modular Plug 6/4 according to FCC part 68
IN-Z62		Grommet, Clamp connection via 2 luster terminals in the housing
IN-Z63		Connector assignment Plug connector: Binder male socket series 423 or 723
IN-Z64		Connector assignment Plug connector 1: Binder male socket series 423
		Plug connector 2: Binder male cable connector series 723
IN-Z65		Grommet, with cable

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

Your contacts



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