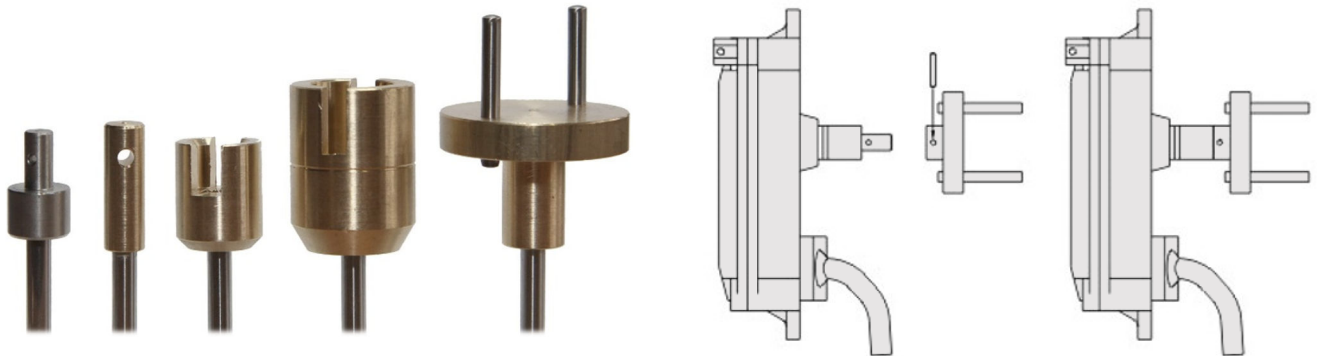


Customized shaft couplings

The encoder is normally supplied with a so-called "coupling" mounted on the encoder shaft to make the shaft interface with the meter easy. This coupling can take many shapes, all depending on the design of the meter drive coupling.

Installation of a shaft encoder in an application is done by mounting the encoder in such a way that it is fixed and the encoder shaft coupling interfaces with the rotating meter output shaft coupling. There are holes on the encoder which may be used for fixing. When installing the shaft encoder, it is important to ensure that there is no axial or radial load on the encoder shaft and all our couplings are designed with this in mind.

We have a large selection of couplings available from stock and they can also be designed according to customer's specification.

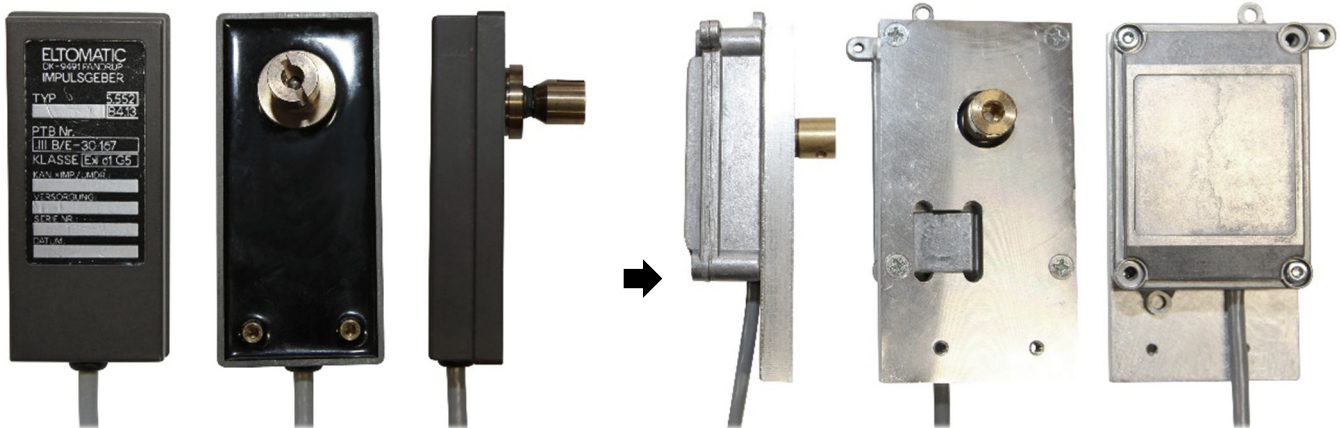


Bracket for mounting 01-09 on existing 02-07 setup

When used with the 02-07 converter bracket, the 01-09 encoder is supplied with an extended coupling* and mounting bracket in order to match existing screw holes similar to the mounting of a traditional 02-07 encoder.

*(for most common couplings only – less common couplings price on request)

Please note that the 01-09 is only available in bidirectional version thus no mechanical freewheel clutch is available in ATEX version. If non ATEX version we can still provide the 01-09 with mechanical backlash. As an alternative we are able to deliver the 01-09 with an electronic suppression of backward pulses.



Existing 02-07 setup

01-09 with extended coupling and mounting bracket

Customized brackets and gearboxes

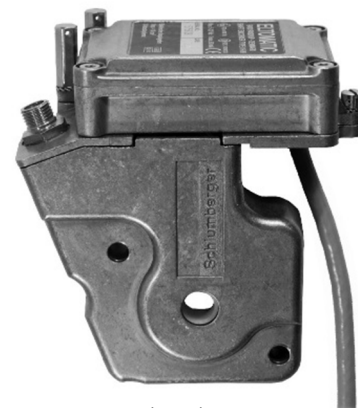
When it comes to mounting the encoder on a meter top, many customers have developed their own bracket but Eltomatic can also supply specially designed brackets which we have developed for the most commonly used meters.

We are also able to supply brackets designed either by the customer or in cooperation with Eltomatic.

Material and finish can also be decided by the customer. Most brackets are made from sheet metal but they can be molded aluminum or plastic.

We also have a selection of sealing screws available for sealing the encoder to the bracket and the bracket to the meter.

Furthermore a selection of matching gearboxes is available.



01-09 with gearbox 1:1 or 1:2