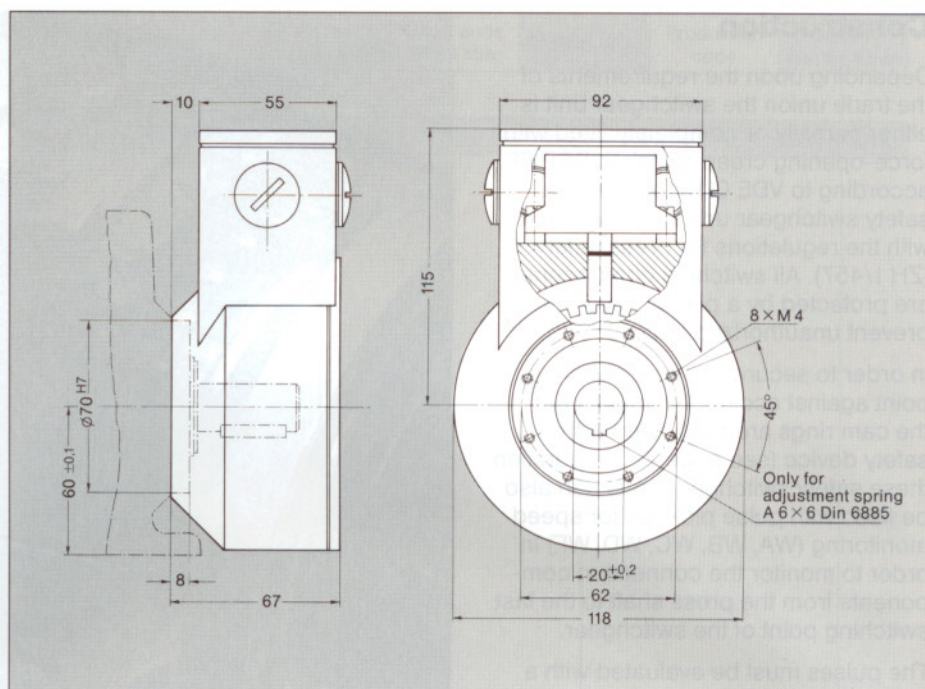


## **BSW 502-00-46 BSW 502-00-61**



## **Installation**

This external unit is a separate speed monitor (shaft failure monitor) which can be plugged onto the shaft end (L = 40 mm) of the BALLUFF switch-gear as an additional switching point.

This makes it possible to equip switch-gear with this monitor unit at a later date.

The plug-in unit is completely pre-assembled and is flange-mounted to

the right or left hand shaft end, i.e. always after the last switching point (opposite the drive side). This ensures that failure of the switchgear shaft even after the last switching point is detected.

The plug-in unit can be mounted at an angle of 45° or 90° to the left or right. It is secured to the switchgear unit by means of M 4 screws.

## **Construction**

The plug-in speed monitor unit is available in the following types:

With one switching point,  
type **BSW 502-00-46**

With two switching units,  
type **BSW 502-00-61**.

Both versions are fitted in the same aluminium casing.

Each switching point of the pulse pickup consists of:

- Gear wheel with 30 teeth  
(= 30 pulses per revolution)
- Inductive electronic component  
BES 517-110 (Code PA),  
10...60 V DC, PNP technique with  
normally closed and normally open  
function.

The rotational movement of the switchgear shaft is monitored and evaluated by means of a BALLUFF speed monitor unit BES 516-604 AZ ... DZ (see page 32).