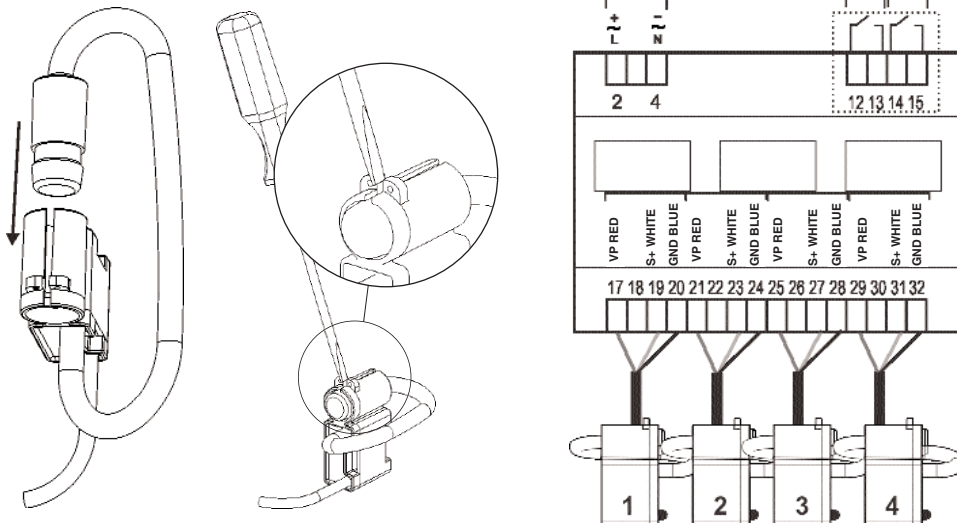


Technical specifications of sensor ROG400

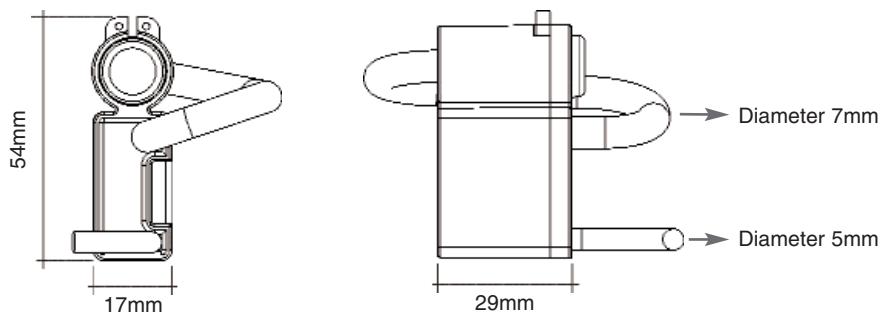
- Code sensor: ROG400. 18cm.
- Measuring range: from 0AAC to 400AAC (50Hz).
- Generated signal: from 4mADC to 20mADC.
- Min: 4mADC = 0AAC (50Hz).
- Max: 20mADC = 400AAC (50Hz).
- Accuracy 1,0% F.S. (in the range from 0% F.S. to 100% F.S.).
- Circumference of the sensitive part of the sensor: 18cm.
- Max cable diameter to which the sensor can be adapted: 4,0cm.
- The sensor must be fastened to the primary cable by means of two tabs.
- Length of the connection cable (sensor-instrument: 3m.

Sensor opening/closing and electric connection to the WM14



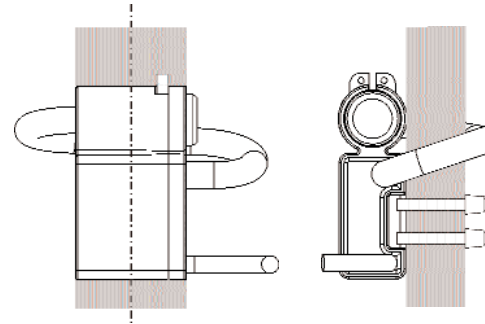
If it is necessary to remove the sensor, operate with care, following the drawing, with a suitable screwdriver so as to enlarge the seat of the sensor and easily remove it.

Sensor dimensions



Positioning of the sensor relative to the conductor

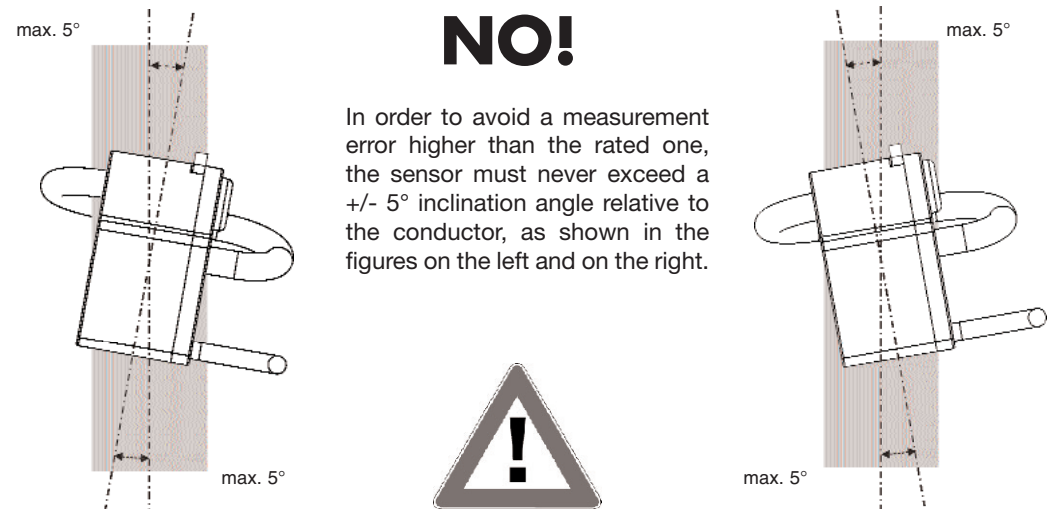
YES



In order to achieve the rated measurement precision, the sensor must be positioned as shown in the figure on the left, where the two longitudinal axes (of the conductor and of the sensor) are aligned.
In order to achieve the rated measurement precision, the minimum diameter of the conductor must be 25mm.

It is mandatory to fasten the sensor to the power conductor by means of a suitable clamp (required width 6mm, or by means of 2 smaller clamps) as shown on the drawing on the left.

NO!

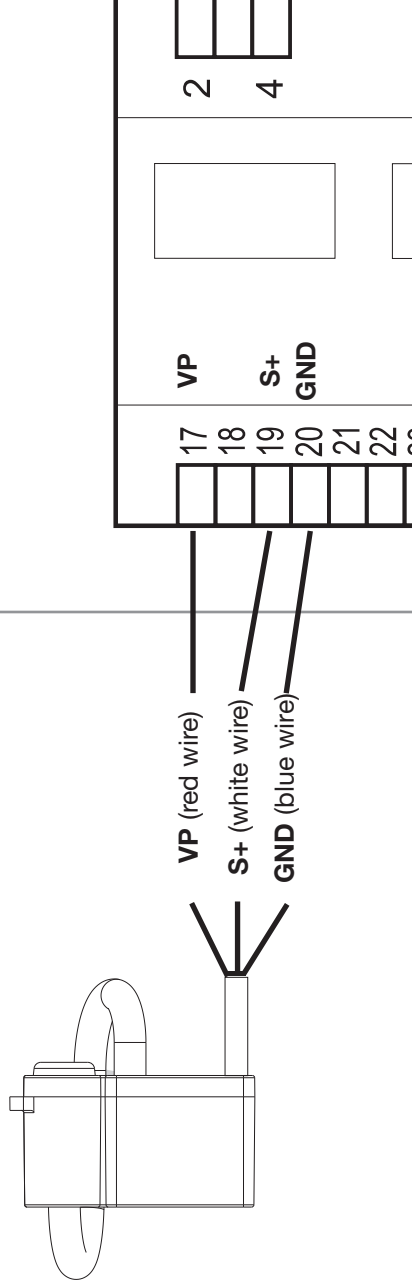


In order to avoid a measurement error higher than the rated one, the sensor must never exceed a +/- 5° inclination angle relative to the conductor, as shown in the figures on the left and on the right.

NOTES ABOUT THE CONNECTIONS

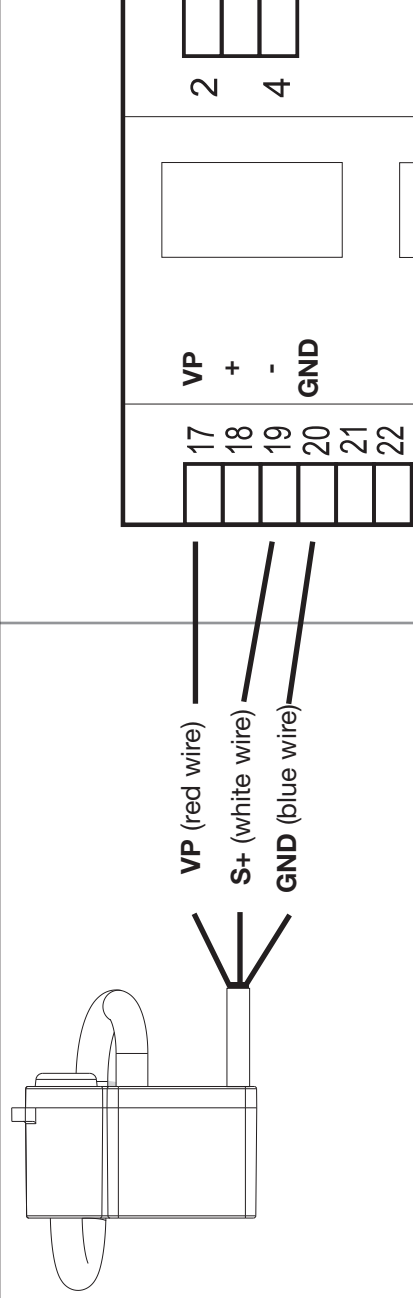
ROG400 (new 3-wire model)

WM14DINA204HR2X1 (new version)



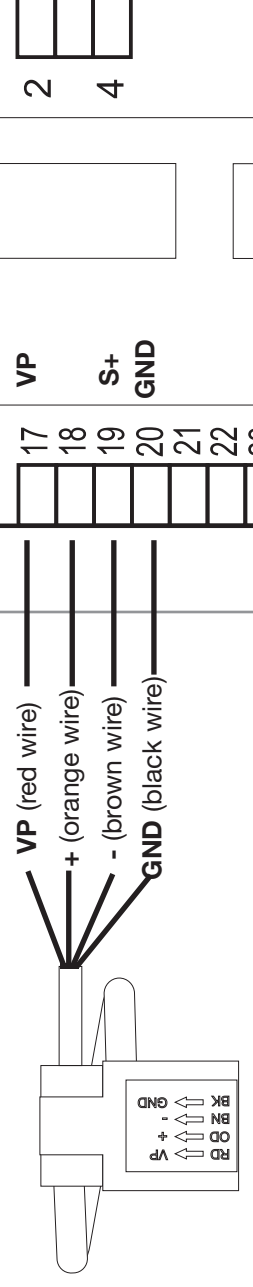
ROG400 (new 3-wire model)

WM14DINA204HR2XX (former version)



ROG400 (former 4-wire model)

WM14DINA204HR2X1 (new version)



ROG400 (former 4-wire model)

WM14DINA204HR2XX (former version)

