

Scanner for Ferraris meter



AFZ

Only skilled electricians may install this electrical equipment otherwise there is the risk of fire or electric shock!

Temperature at mounting location:

-20°C up to +50°C.

Storage temperature: -25°C up to +70°C.

Relative humidity:

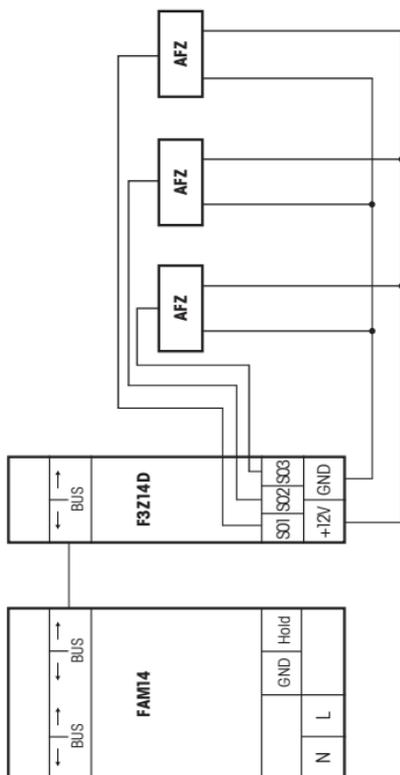
annual average value <75%.

The AFZ Scanner is quick and easy to fit on Ferraris meters which have no impulse output.

Power supply and data evaluation by F3Z14D Energy Meter Concentrator:

Wire colours	Function	Terminal
brown	supply voltage	+12V DC
blue	ground	GND
black	output	S01, S02 or S03

Sample wiring diagram for three Ferraris meters:



Fitting and setting the sensitivity:

1. Connect AFZ Scanner to F3Z14D Energy Meter Concentrator.
2. Position scanner above Ferraris disc using visible red scanning beam and fix retaining plate using enclosed adhesive film.
3. Position aluminium coloured reflecting surface of Ferraris disc under scanning beam by switching consumers on and off.
4. Turn trim pot anticlockwise from MAX (right stop) until LED goes out. Note down switching point.
5. Position red mark on Ferraris disc under scanning beam by switching consumers on and off.
6. Turn trim pot clockwise from MIN (left stop) until LED lights up.
7. Set trim pot to centre point between the two determined switching points.



Must be kept for later use!

Eltako GmbH

D-70736 Fellbach

+49 711 94350000

www.eltako.com

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