

ANALOGUE MEASURING INSTRUMENTS

FA...n / FAG...n - Pointer Type Frequency Instruments



FA



FAG

- With moving coil movement and built-in transducer
- FA with 90° scale
- FAG with 240° round scale

Description

These instruments offer a moving coil movement with an electronic transducer. The movements are jewelled and shock-proofed by sprung jewel stoking. The display is mainly independent of curves, form errors and fluctuations of the measurement voltage.

Admissible change in rating voltage: $\pm 20\%$

External magnet field: 0.5 mT

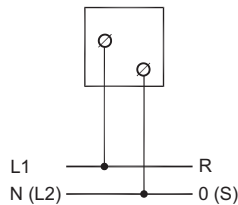
Special feature type FAG:

The large scale length enables a very exact determination of frequency.

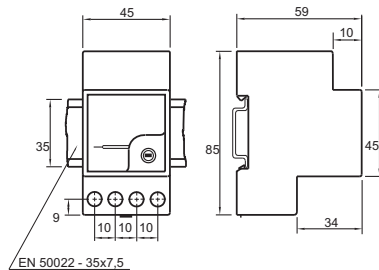
The following types are available on request:

FA 48n FAG 48n FAG 144n

Connection diagram



Connection diagram FA35p



Backside terminal cover for protection according to VBG 4
(Please indicate when ordering.)

Technical Features

Type	FA 35p	FA 72n	FA 96n	FA 144n	FAG 72n	FAG 96n
Front frame (mm)	45 x 45	72 x 72	96 x 96	144 x 144	72 x 72	96 x 96
Scale length (mm)	40	63	97	146	106	142
Weight	165	210	280	490	210	280
Consumption		< 7VA	< 7VA	< 7VA	< 7VA	< 7VA
Range (Hz)	U(V)					
45 - 55	100	●	●	●	●	●
45 - 55	110	●	●	●	●	●
45 - 55	230	●	●	●	●	●
45 - 55	400	●	●	●	●	●
45 - 55	440	●	●	●	●	●
45 - 55	500	○	○	○	○	○
45 - 65	100	●	●	●	●	●
45 - 65	110	●	●	●	●	●
45 - 65	230	●	●	●	●	●
45 - 65	400	●	●	●	●	●
45 - 65	440	●	●	●	●	●
45 - 65	500	○	○	○	○	○
55 - 65	100	●	●	●	●	●
55 - 65	110	●	●	●	●	●
55 - 65	230	●	●	●	●	●
55 - 65	400	●	●	●	●	●
55 - 65	440	●	●	●	●	●
55 - 65	500	○	○	○	○	○
Terminal cover	-	●	●	●	●	●

● available ○ on request

Housing dimensions pointer type frequency instruments

Dimensions in mm							
Type	a	c	d	e	g	h	∅
FA 72n	72	55	75	68 ^{+0,7}	8 ¹	4,6	M4
FA 96n	96	55	75	92 ^{+0,8}	8 ¹	5	M4
FA 144n	144	53	53	138 ⁺¹	40	5,5	M4
FAG 72n	72	53	53	68 ^{+0,7}	40	5	M4
FAG 96n	96	53	53	92 ^{+0,8}	40	5,5	M4

¹ 26 mm with fixing screws

