

Measuring ranges, cont.

Double input (SIN/COS):

Measuring range	Input A SIN	Input B COS	Disc position in degrees	Clock position of disc
-10...0...10V	0.0V	+10.0V	0/360	12
	+10.0V	0.0V	90	3
	0.0V	-10.0V	180	6
	-10.0V	0.0V	270	9

The combination SIN/COS and current input is not available as standard. The reason is that only one indicator can be connected per transmitter. Contact DEIF for further information.

As the instruments are linearized to a max. indication error of 0.5% corresponding to a max. deviation of $\pm 1.8^\circ$ over the entire scale curve of 360° , they are not provided with an adjustment device.

Illumination

Illumination: 24V DC. Adjustment range: 10...30V DC

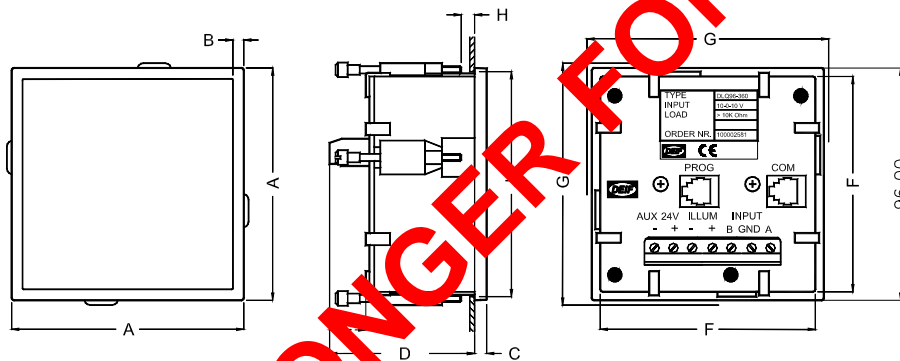
The light intensity can be altered by means of a common dimmer for all instruments. Dimming of an instrument can be done by means of a $1k\Omega$ potentiometer arranged as a voltage divider.

Connection: Screw terminals for instrument input and illumination
Maximum $2.5mm^2$ (multi-stranded) or $4.0mm^2$ (single-stranded)

If required by the class, suitable protection against voltage transients (surge pulses) must be built into the power supply (e.g. light dimmer unit) to the instrument illumination input.

Dimensions

All dimensions in mm



Type	A	B	C	D	E	F	G	H (max.)	J	Weight (kg)
DLQA96	96 x 96	4.5	5.5	66.0	19	90 x 90	103	12	92 x 92 +0.8	0.230
DLQA144	144 x 144	4.5	8.0	69.0	19	136 x 136	150	12	137 x 137 +1.0	0.385
DLQAW96	102 x 102	5.5	4.2	68.3	19	90 x 90	103	12	92 x 92 +0.8	0.250

Note: The above drawing is for DLQA96, the other types may vary in details

Order specifications

Example:	Type	Scale	DISC	Measuring range
	DLQA96	180...0...180°	POD symbol	4...20mA, single

When ordering new scales, always forward detailed drawing

Due to our continuous development we reserve the right to supply equipment which may vary from the described.



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