

MOVING COIL INSTRUMENT, 240° scale KLPQ96 (D3v96S)



- Moving coil instrument
- DIN size 96x96
- Illuminated pointer
- LED-illumination
- Scale design according to customers order

Application

The KLPQ 96, Nr D3v96S. is a measuring instrument to indicate measured variables (f.i.rpm or rudder angle) in the bridge area of ships.

Optionally the pointer of the instrument may be illuminated. The brightness of the 24V/DC LED illumination can be individually adjusted via an external potentiometer.

Scale Design

Scale design according to customers order

Pointer	Scale background	Scaling
black	white	accord. order / 4-colour
yellow	black	accord. order / 4-colour
white	black	accord. order / 4-colour

Technical Data

Measuring Range

Voltage: 0-1V/DC up to 0-250V/DC
-1-0-1V/DC up to -250-0-250V/DC

Current: 0-1mA up to 0-100mA
-1-0-1mA up to -100-0-100mA

Scale: plastic, antistatic
Lighting: 24V/DC, LED
consumption: approx. 41mA
Accuracy: class 1.5, EN 60051 IEC 51
Connection: 2.5mm² stranded wire
4mm², single wire
Casing: Plastic, self-extinguishing
(ULV94/V0)
Degree of protect.: IP 52/54, acc. IEC 529 and EN 60529

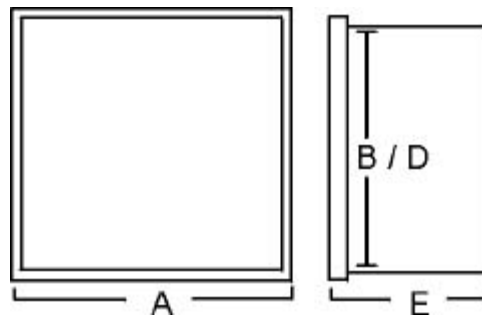
Ambient condition

Temperature: operat. reference range -25...50°C
operat. nominal range -20...55°C

Storage: -40...70°C

Humidity: up to 95% (without dew)

Dimensions



Typ	KLPQ 96
A	96x96
D Cutout: + tolerance:	92x92 0,8
E :	60

Order Data- Example

1. Type
2. Design of device
3. Measuring range
4. Input signal

1. KLPQ 96, Nr D3v96S
2. Black pointer and figures, white scale
3. 120-0-120RPM
4. 10-0-10V /DC