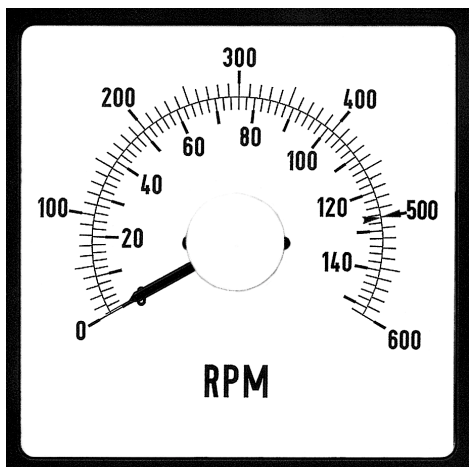


# MOVING COIL INSTRUMENT, 240° scale KLPQ144 (D3v144S)



- Moving coil instrument
- DIN size 144x144
- Illuminated pointer
- LED-illumination
- Scale design according to customers order

## Application

The KLPQ 144, Nr D3v144S. 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

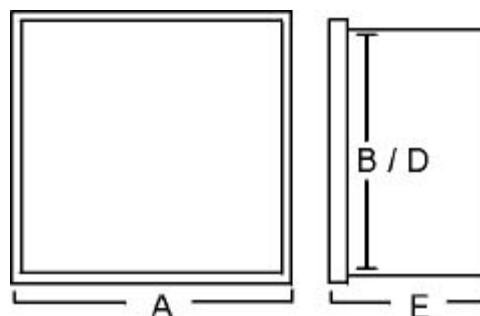
Current: 0-1mA up to 0-100mA  
-1-0-1mA up to -100-0-100mA

Scale: plastic, antistatic  
Lighting: 24V/DC, LED  
consumption: approx. 80mA  
Accuracy: class 1.5, EN 60051 IEC 51  
Connection: 2.5mm<sup>2</sup> stranded wire  
4mm<sup>2</sup>, 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 144
A	144x144
D Cutout:	138x138
+ tolerance:	1
E :	61

## Order Data- Example

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

1. KLPQ 144, Nr D3v144S
2. Black pointer and figures, white scale
3. 120-0-120RPM
4. 10-0-10V /DC