

MOVING COIL INSTRUMENT, 90° scale LPQ (D3v...S)



- Moving coil instrument
- DIN size 72x72, 96x96, 144x144
- Illuminated pointer
- LED-illumination
- Scale design according to customers order

Application

The LPQ , Nr Dv...S. 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

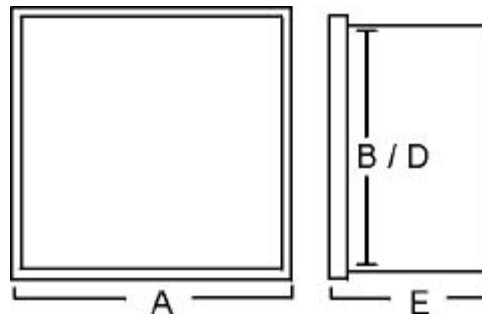
Ambient condition

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	LPQ 72	LPQ 96	LPQ 144
A	72x72	96x96	144x144
D Cutout:	68x68	92x92	138x138
+ Tolerance:	0,7	0,8	1
E	60	60	61

Order Data- Example

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

1. LPQ 96, Nr Dv96S
2. Black pointer and figures, white scale
3. 0-40bar
4. 4-20mA