

Electro Optical Angle Transducers Model DAB58 CALibrated Analogue Signal Output DAB58 -M 360 W B01

DAB58 -M 360 W B01

TWK
ELECTRO-OPTICAL
ANGLE TRANSDUCER

Order code format
DAB 58 - M 360 W B 01

- Electrical and mechanical variants
- Signal output
- B = 4 to 20 mA
- Signal sense W = CW
- Measuring range
- M : Multi functional inputs
- Models 58, 65 or 66

DAB58
Multi functional inputs

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Rating: Not Rated Yet
Price

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Description "

TWK-ELEKTRONIK TWK DAB 58 -M 360 W B 01 | Angle Transducers (Electro-optical) | Multi-functional inputs | Dubai Stock | Worldwide Shipping

TWK-ELEKTRONIK TWK DAB 58 -M 360 W B 01 Angle Transducers (Electro-optical). Ready Stock in Dubai with Worldwide Shipping.

Quick Specs

- Model: TWK DAB 58 -M 360 W B 01
 - OEM Part No: DAB58 -M 360 W B 01
 - Interface: Multi-functional inputs
 - Type: Angle Transducers (Electro-optical)
 - Introduction | Features| Working: Electro-optical Angle Transducers
- Models DAB 58 - DAB 65 - DAB 66

Calibrated analogue signal output

Construction

?Flange and case in anodised aluminium - shaft in stainless steel ? 12 mm ball-bearings with Nilos ring or radial packing ring seal ? code disc in plastic or glass - GaAlAs diode and photo-transistor array -? gate array - customer specific microprocessor -? multifunctional ASIC - 12 Bit D/A converter - SMD technology.

?„ Minimum measuring range 0 to 30° : Calibrated analogue signal output

- > : Multi-functional inputs
- > : Supply voltage range VS: + 20 to + 26 VDC
- > : Round connector 12-way, (IP65), radially on case
- > : Supply current IS: 70 mA typ. / 90 mA max.

Key_Mechanical Specification Data

- ∴ Solid shaft 6mm
- ∴ Design form Ø 65 mm
- ∴ „ Operating speed: 3000 rpm max. (continuous)
4000 rpm max. (short period)
- „ Operating torque: ? 5 Ncm (8 Ncm - DAB 66)
- „ Wind-up torque: ? 1 Ncm (4 Ncm - DAB 66)
- „ Angular acceleration: 105 rad/s²
- ∴ „ Inertial mass of rotor: 50 gcm²
- „ Permissible axial and radial shaft load: 250 N max.
- „ Bearing life expectancy: 109 turns
- ∴ „ Operating temperature range: - 20°C to + 60°C
- „ Storage temperature range: - 25°C to + 70°C
- „ Permissible rel. humidity: 85% without condensation
- „ Resistance to shock: 200 m/s² ; 11 ms (DIN IEC 68)
- „ Resistance to vibration: 5 Hz ... 1000 Hz ; 100 m/s² (DIN IEC 68)

Key Performance Specifications

- Model: TWK DAB 58 -M 360 W B 01
- OEM Part No: DAB58 -M 360 W B 01
- ? : Multi-functional inputs
- ? : Angle Transducers (Electro-optical)

Salient Features

Electro-optical Angle Transducers

Models DAB 58 - DAB 65 - DAB 66

Calibrated analogue signal output

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