

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

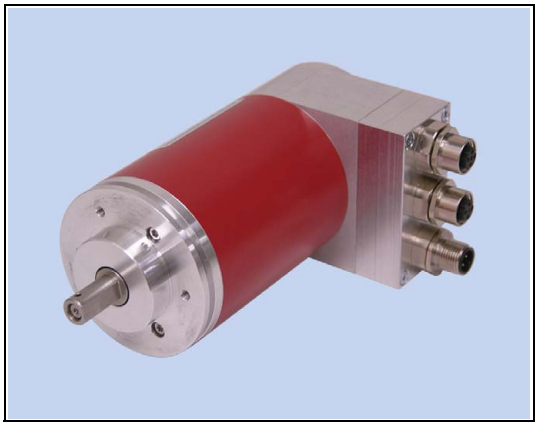
Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

Absolute-Encoder CEV 65 S/M - PN

TR-Electronic
Eglishalde 6
D-78647 Trossingen
Tel. +49 - (0) 74 25 / 228 - 0
Fax +49 - (0) 74 25 / 228 - 33
http://www.tr-electronic.de
Germany



- **PROFINET IO interface**
- **Type with solid shaft**
- **Modular product line**
- **Extensive parameter setting possibilities**
- **Special parameters upon request**
- **Further interfaces available**
- **Modular construction for mechanical customizations**

Characteristics

Supply voltage	11…27 VDC
Current consumption without load	< 350 mA
Total resolution [1]	Multi-Turn: ≤ 25 Bit, Single-Turn: ≤ 13 Bit
Number of steps/revolution [1]	≤ 8.192
Number of revolutions [1]	Multi-Turn: ≤ 4.096, Single-Turn: 1
Profinet IO – Device	IEC 61158, IEC 61784-1
- Physical Layer	PROFINET 100Base-TX, Fast Ethernet, ISO/IEC 8802-3
- Output code	Binary
- Cycle time [1]	≥ 1 ms (IRT / RT)
- Transmission rate	10 Mbit/s, 100 Mbit/s
- Transmission	CAT-5 cable, shielded (STP), ISO/IEC 11801
- Addressing [1]	Per Name (name allocation about engineering tool). Assignment Name --> MAC during system boot
- Real-Time-Classes [1]	RT Class 1 Frames (RT), RT Class 3 Frames (IRT)
- Parameter [1]	Switch-over count direction, Scaling function, Preset adjustment
Mechanically permissible speed	≤ 6.000 min^{-1}
Shaft load, at the shaft end	≤ 40 N axial, ≤ 60 N radial
Bearing life time	≥ 3.9 * 10^{10} revolutions at
- Speed	≤ 3.000 min^{-1}
- Operating temperature	≤ 60 °C
- Shaft load, at the shaft end	≤ 20 N axial, ≤ 30 N radial
Permissible angular acceleration	≤ 10^4 rad/s^2
Moment of inertia	typically 2.5 * 10^{-6} kg m^2
Start-up torque at 20°C	typically 2 Ncm
Mass	typically 0.7 kg

[1] programmable parameter

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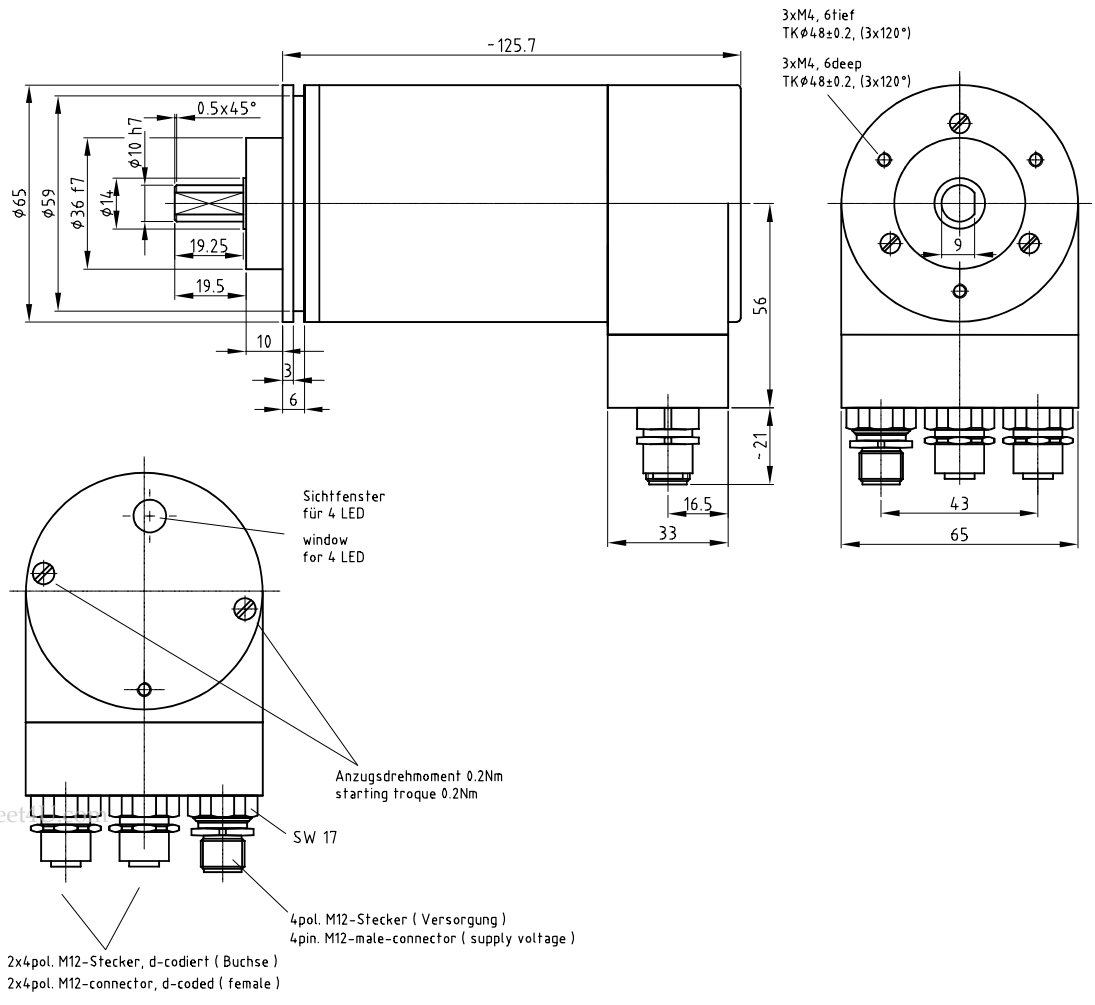
Environmental conditions

Vibration, DIN EN 60068-2-6: 1996 ..... ≤ 100 m/s^2, sine 50-2000 Hz
Shock, DIN EN 60068-2-27: 1995 ..... ≤ 1000 m/s^2, half-sine 11ms
EMC
- Discharge of static electricity, DIN EN 61000-4-2: 2001
- Burst, DIN EN 61000-4-4: 2004
- Immunity to disturbance, DIN EN 61000-6-2: 2001

Working temperature ..... 0 °C…+60 °C, optional -20 °C…+70 °C
Storage temperature ..... -30 °C…+80 °C, dry
Relative humidity, DIN EN 60068-3-4: 2002 ..... 98 %, non condensing
Protection class, DIN EN 60529: 1991 [2)] ..... IP 65

[2)] valid with screwed on mating connector and / or screwed together cable gland

Dimension drawing



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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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