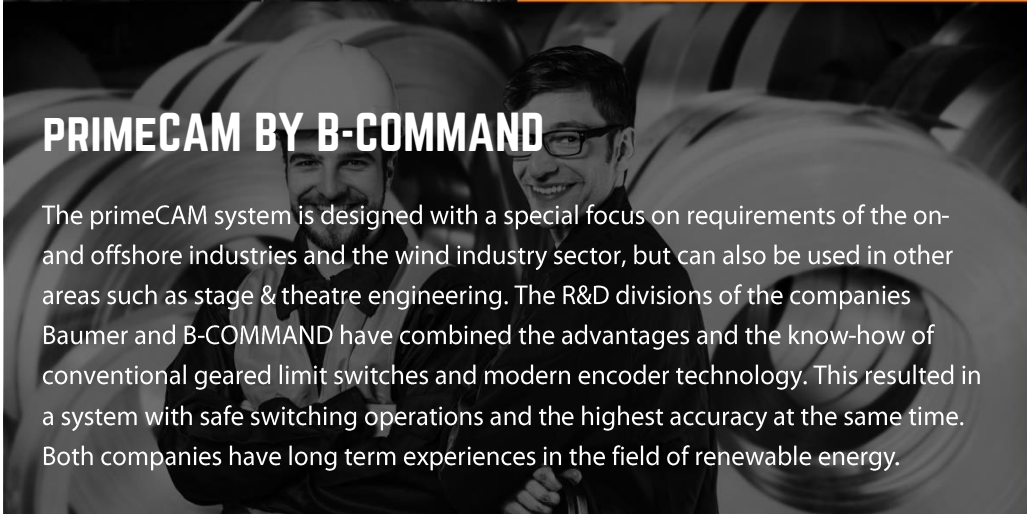


**INFO SHEET
PRIMECAM**



PRIMECAM BY B-COMMAND

The primeCAM system is designed with a special focus on requirements of the on- and offshore industries and the wind industry sector, but can also be used in other areas such as stage & theatre engineering. The R&D divisions of the companies Baumer and B-COMMAND have combined the advantages and the know-how of conventional geared limit switches and modern encoder technology. This resulted in a system with safe switching operations and the highest accuracy at the same time. Both companies have long term experiences in the field of renewable energy.



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PRIMECAM, THE NEXT GENERATION OF ROTARY LIMIT SWITCHES

The primeCAM system is the first programmable multifunctional electronic rotary limit switch, offering a big variety of interfaces and high precision position signals. Based on an optical absolute position sensing system primeCAM reaches an absolute accuracy of 0,1° which allows new possibilities of position measurement and limiting end positions of industrial machines.

As important innovation the primeCAM system is able to monitor the functionality of the switches, the absolute sensing system and the software. Each mechanical switch is defined as potential-free changeover contact (monostable). The programming of cams can be realized either via USB connection directly or by one of the BUS-interfaces integrated in the system.



The features & advantages of the primeCAM:

- Based on optical absolute encoder with a total resolution of 25 Bit or 29 Bit
- Interfaces on board: Analogue output, Incremental, SSI, SSI+Incremental combination and CANopen
- 1-8 potential free changeover contacts
- Up to 20 switching points for each cam
- Material Housing made of sea-water proof aluminium
- High protection degree for heavy-duty environments
- Operational temperature: -40°C ... +80°C
- SIL2 Certification
- Protection: IP66

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