

Moteur AS 80-6 G600 pour EG1(Pour Hublot 28120 et ses dérivés)

Description :

- The AS 80-6 G600 motor is an explosion-proof synchronous motor, specifically designed for use in hazardous industrial environments where gases, vapors, mists, or dust may be present. ATEX-certified, it ensures optimal reliability under demanding service conditions. This motor is intended to drive EG1-type wipers, commonly used in challenging industrial settings. When combined with the K55 camera, it provides an ideal solution for remote visual monitoring, ensuring continuous visibility in high-risk areas.

Applications:

- The motor seamlessly integrates into visual monitoring and automatic sight glass cleaning systems, particularly in industrial facilities where remote process monitoring is required, such as biogas tanks. When paired with ATEX-certified cameras and lighting systems from the LUMIGLAS range, this motor enables efficient and safe visibility control in potentially explosive environments.

Technical Specifications:

Features	Value
Model	AS 80-6 G600
Frequency	50Hz / 60Hz
Rotational velocity	5 TOURS MINUTES
Output power	6.3 / 6.6W
Tension	1 - 24V
Nominal current	0.59 A / 0.65A
ATEX standard	II 2G Ex e IIC T4 Gb or 2D Ex tb IIIC T90° Db
Applications	Gas, vapors, mist "G", particulate matter "D"



Installation:

- Secure the motor onto the sight glass flange using stainless steel screws to ensure a firm and stable attachment. Avoid excessive mechanical stress that could damage the motor.
- Ensure that the motor shaft is properly aligned with the wiper system or associated device to guarantee smooth operation.
- If using a washer system (LV1), connect the motor output to the system according to the manufacturer's instructions.

Operating Conditions:

- The motor is approved for use in ATEX zones 1, 2, 21, and 22 and operates optimally within a temperature range of -20°C to +50°C. To ensure safe and compliant operation, installation, wiring, and maintenance must be performed by qualified personnel in accordance with applicable ATEX regulations.

Advantages of this ATEX Motor Type:

- The AS 80-6 G600 motor is explosion-proof and ATEX-certified, making it perfectly suited for hazardous industrial environments. It offers high energy efficiency with low power consumption, even during continuous operation. Its versatility allows for easy integration into motorized wiper systems for high-risk areas, while its robust stainless steel construction ensures exceptional durability in demanding environments.

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