



(1) **EC-Type Examination Certificate**

- (2) Equipment or protective system intended for use in potentially explosive atmospheres - **Directive 94/9/EC**
- (3) Examination certificate number: **SEV 08 ATEX 0155 U**
- (4) Equipment: Logoscreen type:  
706581/xx-xxx-xx/xxx, 443, 706585/xx-xxx-xx/xxx, 443,  
706581/xx-xxx-xx/xxx, 444, 706585/xx-xxx-xx/xxx, 444
- (5) Manufacturer: JUMO GmbH & Co. KG
- (6) Address: Moritz-Juchheim-Strasse 1, DE-36039 Fulda
- (7) The equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- (8) Electrosuisse SEV, notified body No. 1258 in accordance with article 9 of the Council Directive of the European Communities of 23 March 1994 (94/9/EC), certifies that this equipment has been found to comply with the essential health and safety requirements relating to the design and construction of equipment or protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
The results of the examination are recorded in confidential report no 08-IK-0140.01 incl. extension 1 to 3.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:  
**EN 60079-0:12 + A11:13      EN 60079-2:07      EN 61241-4:06**
- (10) If the sign «X» is placed after the certificate number, it indicates that the equipment or protective system is subjected to special conditions for safe use specified in the schedule to this certificate.
- (11) This examination certificate relates only to design and construction of the specified equipment in accordance with the directive 94/9/EC. Further requirements of this directive apply to the manufacturing process and the placing on the market of the equipment.
- (12) The marking of the equipment shall include the following:

 **II 2G Ex px IIC**  
 **II 2D Ex px IIIC**

 **Electrosuisse  
Notified Body ATEX**

Martin Plüss  
Product Certification



Fehraltorf, 2015-02-13

SEV 08 ATEX 0155 U / page 1 of 3

(13)

## Appendix

(14)

### EC-Type Examination Certificate

(15) Description of the equipment

The Logoscreen type 706581/xx-xxx-xx/xxx, 443, 706585/xx-xxx-xx/xxx, 443, 706581/xx-xxx-xx/xxx, 444, 706585/xx-xxx-xx/xxx, 444 is intended for the registration and display of physical measured quantities in industrial environments, as specified in the technical data. The device is suitable for mounting in switchgear cabinets with pressurised enclosure. At the front, the device can be used in potentially explosive atmospheres (Zone 1 or 21) under these conditions.

#### Type designation

The x's in the type designation can be replaced by numbers or letters relating to specific variants which have no influence on explosion protection and general safety.

#### Ratings

Supply circuit	Rated voltage	Un	=	100 ... 240 V AC/+10/-15 %
or				
Rated voltage		Un	=	20 ... 30 V AC/DC
Frequency		fn	=	48 ... 63 Hz
Power		Pn	=	40 VA

#### Instructions for safe use

1. For mounting the Logoscreen type 706581/xx-xxx-xx/xxx, 443, 706585/xx-xxx-xx/xxx, 443, 706581/xx-xxx-xx/xxx, 444, 706585/xx-xxx-xx/xxx, 444 in switchgear cabinets with the type of protection "px" or "pz" or "py", it must be ensured that:
    - a) The defined maximum permissible temperatures are not exceeded.
    - b) The degree of protection IP65 according to the standard IEC/EN 60529 is achieved (mounting seal).
  2. The Logoscreen type 706581/xx-xxx-xx/xxx, 443, 706585/xx-xxx-xx/xxx, 443, 706581/xx-xxx-xx/xxx, 444, 706585/xx-xxx-xx/xxx, 444 is a component (Ex component) of the equipment group II, Category 2G according to Directive 94/9/EC (ATEX 95) Appendix I. The installation of these components is subject to a separate conformity assessment procedure. The requirements of EN 60079-14 must be observed for use/installation.
  3. The Logoscreen type 706581/xx-xxx-xx/xxx, 443, 706585/xx-xxx-xx/xxx, 443, 706581/xx-xxx-xx/xxx, 444, 706585/xx-xxx-xx/xxx, 444 is also a component (Ex component) of the equipment group II, Category 2D according to Directive 94/9/EC (ATEX 95) Appendix I. The installation of these components is subject to a separate conformity assessment procedure. The requirements of EN 60079-14 must be observed for use/installation.
  4. The permissible ambient temperature range – internally and externally – is 0 °C to +50 °C.
  5. The outside temperature on the front side of the Logoscreen type 706581/xx-xxx-xx/xxx, 443, 706585/xx-xxx-xx/xxx, 443, 706581/xx-xxx-xx/xxx, 444, 706585/xx-xxx-xx/xxx, 444 reaches maximum 69 °C under fault conditions.
- (16) Test Report 08-IK-0140.01 incl. extension 1 to 3
- (17) Special conditions for safe use  
None
- (18) Fundamental essential health and safety requirements  
Fulfilled by the standards applied.



Martin Plüss  
Product Certification



Fehraltorf, 2015-02-13

SEV 08 ATEX 0155 U / page 3 of 3