

3rd SUPPLEMENT

according to Directive 94/9/EC Annex III.6

to EC-TYPE-EXAMINATION CERTIFICATE PTB 98 ATEX 3101 U

(Translation)

Equipment: Empty enclosure, type AL-KE 25.** ** *

Marking:  II 2 G Ex e II
 II 2 D Ex tD A21 IP66

Manufacturer: ROSE Systemtechnik GmbH


Address: Erbeweg 13 - 15, 32457 Porta Westfalica, Germany

Description of supplements and modifications

The empty enclosure, type AL-KE 25.** ** * has been re-inspected on the basis of Standards EN 60079-0:2009, EN 60079-31:2009.

The marking therefore changes to:

 II 2 G Ex e IIC Gb

 II 2 D Ex tb IIC Db IP66

Sizes	Length	Width	Depth
minimum	58 mm	64 mm	34 mm
maximum	600 mm	600 mm	227 mm

Protection against solid foreign objects, water and contact: IP66 in accordance with EN 60529

Normal.dotm

Ambient temperatures

- 55 °C to +135 °C with silicone sealing (manufacturer: Sico, Silex)
- 40 °C to +100 °C with HF sealing (manufacturer: Neuhaus Elektronik, Laird)
- 40 °C to +100 °C with PU foam (manufacturer: Sonderhoff)
- 20 °C to + 85 °C with CR sealing (manufacturer: Leeser)
- 20 °C to +100 °C with glass pane
- 50 °C to +100 °C with PC pane mono duro clear 8099, conductive

Notes for manufacturing and operation

The empty enclosure with a coating must not be used in areas affected by charge-producing processes, mechanical friction and separation processes, electron emission (e.g. in the vicinity of electrostatic coating equipment), and pneumatically conveyed dust.

Applied standards

EN 60079-0:2009, EN 60079-7:2007, EN 60079-31:2009

Test report: PTB Ex 12-11159

Zertifizierungssektor Explosionsschutz
On behalf of PTB:

Braunschweig, April 27, 2012


Dr. Ing. U. Klausmeyer
Direktor und Professor

