




# eurofins



## Type Examination Certificate

for Electrical Equipment used in Potentially Explosive Atmosphere

Issued by Eurofins E&E CML Limited, Newport Business Park, New Port Road, Ellesmere Port CH65 4LZ, UK		
Applicant	Flexim Flexible Industriemesstechnik GmbH Boxberger Str. 4, 12681 Berlin, Germany	
Manufacturer name	<b>Flexim Flexible Industriemesstechnik GmbH</b> <b>Boxberger Str. 4, 12681 Berlin, Germany</b>	
Product name	Distribution Panel	
Type/model code	JB01SaE3b	
Type of protection	Encapsulation, Increased safety, Dust	
Group, Temperature Class and EPL	IIC, IIIC, T6...T4	
The equipment shall be marked with the following	Ex eb mb IIC T6...T4 Gb Ex tb IIIC T100 °C Db	
Ratings	-40 °C ≤ Ta ≤ +70/80 °C See attachment 1	
Special condition for safe use	The temperature at the cable entry point is greater than +60 °C, select a suitable cable in accordance with the Ex code and associated ambient.	
Certificate number	<b>CML 21JPN2224X</b>	
Term of validity	From 07-05-2021 to 06-05-2024	

This is to certify that the equipment specified above complies with the requirements stipulated in Ordinance on Examination of Machines and Other Equipment of the Ministry of Health, Labour and Welfare, Japan.

Issue date: 07-05-2021

Signature of chief examiner:



# eurofins



CML 21JPN2224X

Issue: 0

## Attachment 1: Ratings

<b>Per terminal contact pair:</b>	
Peak pulse voltage	< 160 V
Peak pulse current	< 4 A
Pulse width	< 1.2 $\mu$ s
Mean pulse frequency	< 1.2 $\mu$ s
Maximum high-frequency power	< 1.0 W
Maximum voltage DC	< 160 V
Maximum current DC	< 2 A
<b>Terminal box:</b>	
Ambient temperature	-40 °C ... +70 °C for T6 -40 °C ... +80 °C for T5/T4
Dimensions	160 x 135 x86 (L x W x H)
Weight	0.85 kg