



# EX SEPARATION MODULE PWBLOGG MB1-IR



**PAULWEGENER**  
MESSTECHNIK SEIT 1921

# TECHNICAL DATA SHEET PWBLOGG MB1-IR

## Ex separation module

The device is intended to transmit the data, which are acquired e.g. with the suitable equipment PWBlogg N7/180/D-Ex1 within hazardous areas of zone 1, over a distance of up to 100m to further devices for storage or further processing. Due to the galvanic isolation of the devices via the IR interface, the recipients of the transmitted data may be located inside or outside hazardous areas without restriction.

Housing	PA 6.6 non-metallic body 31,0 x 100,0 mm (dia x l)
Degree of protection	IP 65 (when mated)
Overvoltage category	I
Pollution degree	2
Weight	approx. 150g (incl. 2m cable length)
max. cable length	100m
Operating temperature	-20 °C to +60 °C
Power Supply	Associated equipment for supply from intrinsically safe circuit
Interface 1	PWB EIA-485 sensor interface (suitable for PWBlogg N7/180/D-Ex1 devices)
Interface 2	PWB unidirectional infrared online port
EMC	compliant with EN IEC 61000-6-2, EN IEC 61000-6-3
Explosion protection certification	
Ex-Zone 1 (II 2G)	(Ex II 2G Ex ib op is IIB T4 Gb) EN 60079-0, 60079-11 and 60079-28
Intrinsically safe	Ex II2G Ex ib IIB T4 Gb
EU type-examination certificate	

Händlerstempel



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