

Retrofit Kit PBMF PB Interface electronics

Function

The **retrofit kit PBMF** is the electronic unit of the measuring and programming interface PBMS IP64 - active termination. This kit must always be installed with a specially developed metal frame for use in control cabinets and terminal boxes.

By this electronic unit the requirements of a feedback-free measuring point and the requirements and function resp. concerning an active bus termination are met.

The connection to the PROFIBUS DP/MPI on the rear side is rendered by a commercially available PROFIBUS connector with a selectable terminating resistor. The diagnostic tools are connected according to the 9-pole sub-D socket.

For the feedback-free connection of a programming cable (laptop / field PG) to the sub-D receptacle an active programming APKA is basically recommended.

Bus connection

The connection to the PROFIBUS is rendered through a commercially available PROFIBUS connector with selectable terminating resistor.

Electrical parameters

- Baud rate: 9,6 kbps to 12 Mbps
- Input voltage: 24 VDC (18 to 30 V, pole-proof)
- Output voltage: 5 VDC / 100 mA short-circuit proof
Pin 5 (GND); Pin 6 (+5V)
- Connection: screw terminal

Design

- Dimensions (H x W x D): 89 x 50 x 27 mm
- Weight: 48 g



PBMF – front view



PBMF – back view

Ordering details

Art. No.

Retrofit Kit PBMF PB interface electronics

110080007

To avoid reflections, we recommend to connect PG / PC devices always according to active programming cables APKA

Accessories

Active programming cable APKA

110040000

Active programming cable APKA II

110040001