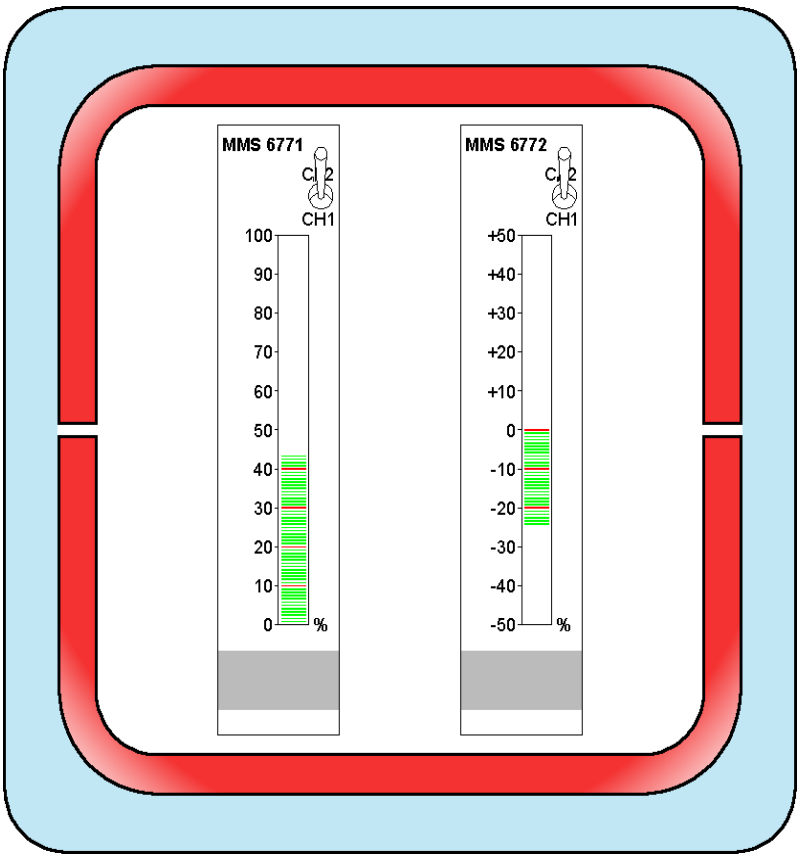
MMS 677X
Double Channel Bargraph Indicator



- **19“ Design**
- **Dual channel indication**
- **Switch on the monitor front for selection of channel**
- **0...100% or ± 50% indication**
- **Resolution in 1 % steps**

Applications:

The **MMS 6771** and **MMS 6772** bargraphs of the **MMS 6000** series serve the indication of measuring results of **MMS 6000** modules.
Due to the dual channel design of the bar graphs, both channels of **MMS 6000** monitors can be shown.
The bar graphs have a resolution of 100 graduation lines for a range of 0...100% or ± 50%, thus representing the measuring results with 1% resolution.

Dimensions:

PCB/euro card format according to DIN 41494 (100 x 160 mm)

Width:	20,0 mm (4 TE)
Height:	128,4 mm (3 HE)
Length:	160,0 mm
Net weight:	approx. 320 g
Gross weight:	approx. 450 g

including standard export packing

Packing volume: approx. 2,5 dm3

Required space:
14 modules (28 channels) per 19" frame

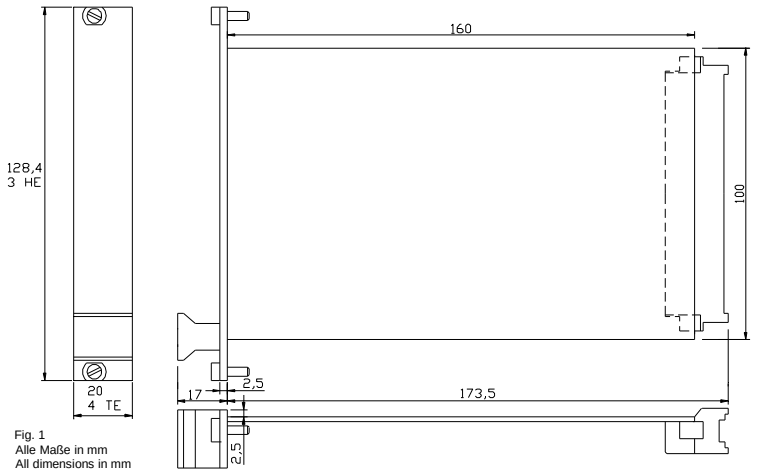


Fig. 1
Alle Maße in mm
All dimensions in mm

Technical data:

Power supply
Redundant supply input via two supply inputs, decoupled via diodes. At least one supply input is required for the supply of the module.

Input voltage:
10…+24…26 V DC
Power consumption:
< 1 W

Signal inputs
One voltage input per indication channel
Input voltage:
0… 10 V
Input impedance:
>1 MΩ

Bargraph
Green segment display with red segments in 10% steps.

Accuracy:
±0,5% of f.s.d. ± 1 segment
Resolution:
101 segments
Bargraph Height:
75 mm
Bargraph Width:
4,2 mm

Protection class:
Module: IP 00 according to DIN 40050
Front plate: IP21 according to DIN 40050

Climatic conditions:
according to DIN 40040 class KTF
Operating temperature range:
0....+65°C
Temperature range for storage and transport:
-30....+85°C
Permissible relative humidity:
5....95%, non condensing

Permissible vibration:
according to IEC 68-2, part 6
Vibration amplitude:
0.15 mm in range 10...55 Hz

Vibration acceleration:
16.6 m/s^2 in range 55...150 Hz

Permissible shock:
according to IEC 68-2, part 29
peak value of acceleration:
98 m/s^2
nominal shock duration:
16 ms

Connection diagram:

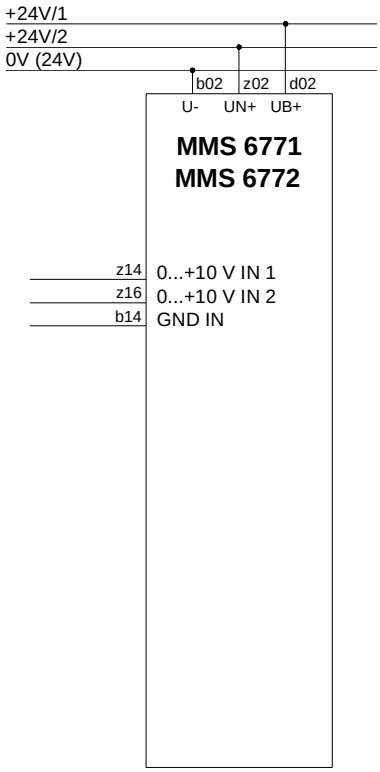


Fig. 2 Connection diagramm
Anschlußschema

Order number:

MMS 6771	Bargraph Indicator 0….100%	**9100 – 00067**
MMS 6772	Bargraph Indicator ±50%	**9100 – 00075**

© epro GmbH
Jöbkesweg 3 D-48599 Gronau
Tel. +49 (0) 2562/709-245
Fax +49 (0) 2562/709-255

Further Information:
Internet: www.epro.de
E-Mail: info@epro.de

6010 – 00046 04/03 Reh
Printed in Germany. Due to continued research and product development epro reserves the right to change these specifications without notice.