Active Measuring point CBMA IP67

**Function**

To determine physically the signal-to-noise ratio of the CAN-/CANopen communication, it is necessary to provide a feedback-free measuring point CBMA in every master system at the segment ends each. The diagnostic tools are connected via the M 12 measuring socket provided at the CBMA.

**Bus connection**

- M12 A coded (5-pin)

**Measuring sockets**

- M12 A coded (5-pin)

**Technical data**

- CAN-applications: CAN, CANopen, DeviceNet, SafetyBUS p
- Baud rate: 9.6 kbps to 1 MBps
- Dimensions (H x W x D): 35 x 56 x 15 mm
- Casing: plastic
- Fastening: bore holes (Ø 4.4 mm)

**Ambient conditions**

- Operating temperature: -30 °C to +90 °C
- Industrial protection: IP65, IP67, IP68

**Ordering details**

<table>
<thead>
<tr>
<th>Art. No.</th>
<th>CBMA set</th>
<th>119040001</th>
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<tbody>
<tr>
<td>CBMA single</td>
<td>119040011</td>
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The CBMA set covers (pre-assembled ready for installation):

1 x active measuring adapter CBMA
1 x one-sided precut CAN bus line 1.5 m
1 x M12 bus termination
1 x M12 blind plug

**Pin assignment**

A  | Bus „in“
---|---
1: Shield
2: V+ (red)
3: V- (black)
4: CAN_H (white)
5: CAN_L (blue)

B  | Diagnosis/ Programming interface
---|---
1: Shield
2: V+ (red)
3: V- (black)
4: CAN_H (white)
5: CAN_L (blue)

C  | Bus „out“/ Terminating resistor
---|---
1: Shield
2: V+ (red)
3: V- (black)
4: CAN_H (white)
5: CAN_L (blue)