

Installation Guide

Pressure Transmitters

MBS 5100, MBS 5103, MBS 5150, MBS 5153

060R9329

	<p>Elektrisk tilslutning: Electrical connection: Elektrischer Anschluss: Raccordement électrique: Conexión eléctrica: Connessione elettrica:</p>	<p>Se produktskilt See product label Siehe Produktschild Voir étiquette du produit Ver la pegatina en el producto Vedi etichetta sulla confezione</p>											
	<p>EN 175301-803</p>	<p>Forbundet til kapsling Connected to enclosure Anschluss an das Gehäuse Connecté au boîtier Conectado a la caja Collegato al corpo</p>											
	<p>Gevind/Thread/Gewinde/Filetage/Rosca/ Filettato Flange/Flange/Flansch/Bride/Brida/Flangiato</p>	<p>MBS 5100/5103, MBS 5150/5153</p>	<p>MBV 5000</p>										
<p>MBS 5100, MBS 5150</p> <div style="display: flex; justify-content: space-between;"> <div data-bbox="319 1545 845 1971"> </div> <div data-bbox="893 1568 1500 1702"> <table border="1"> <thead> <tr> <th colspan="2">Zero adjustment</th> </tr> </thead> <tbody> <tr> <td>0-1 → 0-10 bar</td> <td>-5 → +20% FS</td> </tr> <tr> <td>0-16 → 0-40 bar</td> <td>-5 → +10% FS</td> </tr> <tr> <td>0-60 → 0-600 bar</td> <td>-5 → +2.5% FS</td> </tr> </tbody> </table> </div> <div data-bbox="1037 1769 1356 1926"> <table border="1"> <thead> <tr> <th>Span adjustment</th> </tr> </thead> <tbody> <tr> <td>-5 → +5% FS</td> </tr> </tbody> </table> </div> </div>				Zero adjustment		0-1 → 0-10 bar	-5 → +20% FS	0-16 → 0-40 bar	-5 → +10% FS	0-60 → 0-600 bar	-5 → +2.5% FS	Span adjustment	-5 → +5% FS
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	<p>Normal</p> <p>ATEX Zone 2</p>	<p>-40 – 85 °C</p> <p>-10 – 85 °C</p>											

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		<p>Australian approvals: According to N1297</p> <p>American and Canadian approvals: Not MBS 5103/5153</p> <p>1. Temperature indicating and regulating equipment acc. to UL 873, file no E31024 and Process control equipment acc. to CSA std. C22.2 no. 142-M1987.</p> <p>2. Class I, Div. 2, Group A, B, C and D acc. to UL 1604, file no E227388 and Non-incendive electrical equipment for use in class I, Division 2, Group A, B, C and D acc. to CSA std. no. C22.2 no. 213-M1987. Must be powered by Class 2 power supply when used in Haz. Loc. Class I, Div. 2, Group A, B, C and D. Ambient temperature 85 °C / 185 °F. Temperature code T4. MWP 600 bar / 8700 psi.</p>	
	<p>ATEX ZONE 2</p>		<p>EN60079-0; EN60079-15</p>
<p>Alle elektriske tilslutninger skal udføres iht. ATEX Zone 2 regulativet - samt EN 60079-14. All electrical connections must comply with the ATEX requirements for Zone 2 - and EN 60079-14. Alle elektrischen Anschlüsse müssen gemäß ATEX Zone2 Regeln und EN 60079-14 durchgeführt werden. Tous les raccordements électriques doivent être effectués conformément aux règles ATEX zone 2 et EN 60079-14. Todas las conexiones eléctricas deben ser realizadas de acuerdo a los requerimientos de la normativa ATEX zona 2 y EN 60079-14. Tutti i collegamenti elettrici devono essere eseguiti secondo le normative ATEX Zone e EN 60079-14.</p>			
		<p>Stikket må ikke fjernes, når sensoren er aktiveret. Plug must not be removed when sensor is energized. Stecker darf nicht entfernt werden, wenn der sensor aktiviert ist. Le connecteur ne doit pas être retiré lorsque le capteur est encore sous tension. El conector no debe retirarse cuando el sensor esté activado. Il connettore elettrico non deve essere scollegato quando il sensore è in funzione.</p> <p>Kabelet må ikke udsættes for nogen mekaniske skader, korrison, vibration, varme eller UV stråling. Cable must neither be exposed for any mechanical damage, corrosion, vibration, heat nor UV radiation. Kabel müssen weder auf mechanische Beschädigungen, Korrosion, Vibration, Hitze noch UV-Strahlung ausgesetzt werden. Le câble ne doit être exposé à aucun dommage mécaniques, à la corrosion, aux vibrations, à la chaleur ou aux radiations UV. El cable no deber estar expuesto a ningún tipo de radiación, daños mecánicos, corrosión, vibraciones, calor ó UV. Il cavo non deve essere esposto a danni meccanici, corrosione, vibrazioni, fonti di calore o raggi UV.</p>	
<p>Ved anvendelser i ATEX Zone 2 områder ved temperaturer <-10 °C skal kabel og stik beskyttes mod slag. When used in ATEX Zone2 areas at temperatures <-10 °C the cable and plug must be protected against impact. Wenn in ATEX Zone 2 bei Temperaturen <-10 °C verwendet werden, müssen die Kabel und Stecker gegen Stöße geschützt werden. Lorqu'ils sont utilisés en zone 2 ATEX à des températures <-10 °C, le câble et le connecteur doivent être protégés contre les chocs. Cuando se usa en áreas ATEX zona 2, a temperaturas <-10 °C, el cable y conector deben protegerse contra impactos. Per l'uso in ATEX zona2 a temperature <-10 °C, il cavo ed il connettore devono essere protetti contro gli urti.</p>			