



## MBX 161690 P

**Article no. 1005102500**



MBX PRO is one of the most durable standard plastic enclosures on the market, specifically designed for use in industrial and outdoor applications. The 10 sizes are compatible with the well-known standard aluminium enclosures. Dust, water, heat, cold or mechanical shocks are no problem! The 10 enclosure types are produced from a newly developed impact-resistant and weather-resistant polycarbonate material in colour silver-grey RAL 7001, which meets self-extinguishing levels according to UL94V-0/5VA. The cover screws are made of stainless steel. The MBX PRO series is superior to all aluminium enclosures, especially in applications with an increased risk of corrosion. With a seamlessly foamed 2-component polyurethane gasket, all types achieve protection class IP69. The enclosures can easily withstand high pressure water jets, steam jet cleaning or short-term flooding. They are therefore ideally suited for use in vehicle construction, agricultural engineering, plant construction and other high risk corrosion areas. In addition, the enclosures meet the requirements of DIN EN 45545-2 for railway applications.

**WE ARE PLEASSED TO ADVISE YOU!**

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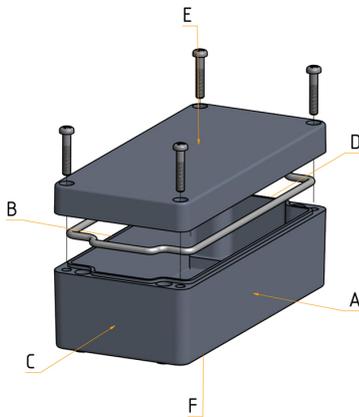


#### ▶ Measurement & weight

Length in mm	<b>160</b>
Width in mm	<b>160</b>
Height in mm	<b>90</b>
Weight in g	<b>670</b>

#### ▶ Color information

Color description cover	<b>Silver-Grey</b>
RAL-code cover	<b>7001</b>
Color description base	<b>Silver-Grey</b>
RAL-code base	<b>7001</b>



► **Material information**

Material cover	<b>Polycarbonate</b>
Material base	<b>Polycarbonate</b>
Material sealing	<b>Polyurethane</b>
Material screws	<b>Stainless Steel V2 A</b>
Silicone-free	<input checked="" type="checkbox"/>
Halogen-free	<input checked="" type="checkbox"/>
UV-resistant	<input checked="" type="checkbox"/>

► **Temperature resistance and areas of application**

Permanent operating temperature min. (°C)	<b>-40</b>
Permanent operating temperature max. (°C)	<b>100</b>
Suitable for indoor use	<input checked="" type="checkbox"/>
Suitable for outdoor use	<input checked="" type="checkbox"/>

► **Technical specifications**

Protection class IP	<b>69, 66</b>
Norm of protection class	<b>DIN EN 60529</b>
Sealing foamed seamless	<input checked="" type="checkbox"/>
Captive cover screws	<input checked="" type="checkbox"/>
Assembly tool	<b>PZ2</b>
Tightening torque cover screws min. (Nm)	<b>1.00</b>
Tightening torque cover screws max. (Nm)	<b>2.00</b>

► **Accessories**

Mounting rail TS 35 Article no. 0111100735	<b>Galvanized steel</b>	  
Mounting plate Steel Article no. 0112100700	<b>Galvanized steel</b>	  
Wall mounting brackets M6 (4 pcs) Article no. 0113100541	<b>Stainless steel</b>	  
Wall fixation bushes M6 (4 pcs) Article no. 1999000066	<b>Brass nickel-plated / Stainless steel</b>	
Silicone cover seal Article no. 1980099999	<b>Silicone</b>	
Pole mounting set MBFIX Article no. 0313000022	<b>Stainless Steel</b>	  
External Hinges MBX P (2 PCS) Article no. 0314100500	<b>Polycarbonate</b>	
Hex socket head screws Article no. 1980000115	<b>Stainless steel</b>	
DIN-rail adapter TSFIX35 Article no. 0314000009	<b>Polyamide 6 (PA6)</b>	  

