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MBX 178055 P

Article no. 1005101300



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.

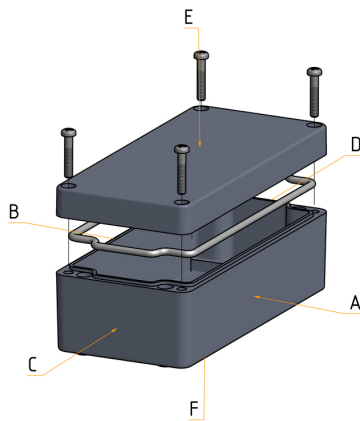


► Measurement & weight

Length in mm	175
Width in mm	80
Height in mm	57
Weight in g	263

► Color information

Color description cover	Silver-Grey
RAL-code cover	7001
Color description base	Silver-Grey
RAL-code base	7001



► Material information

Material cover	Polycarbonate
Material base	Polycarbonate
Material sealing	Polyurethane
Material screws	Stainless Steel V2 A
Silicone-free	☒
Halogen-free	☒
UV-resistant	☒

► Temperature resistance and areas of application

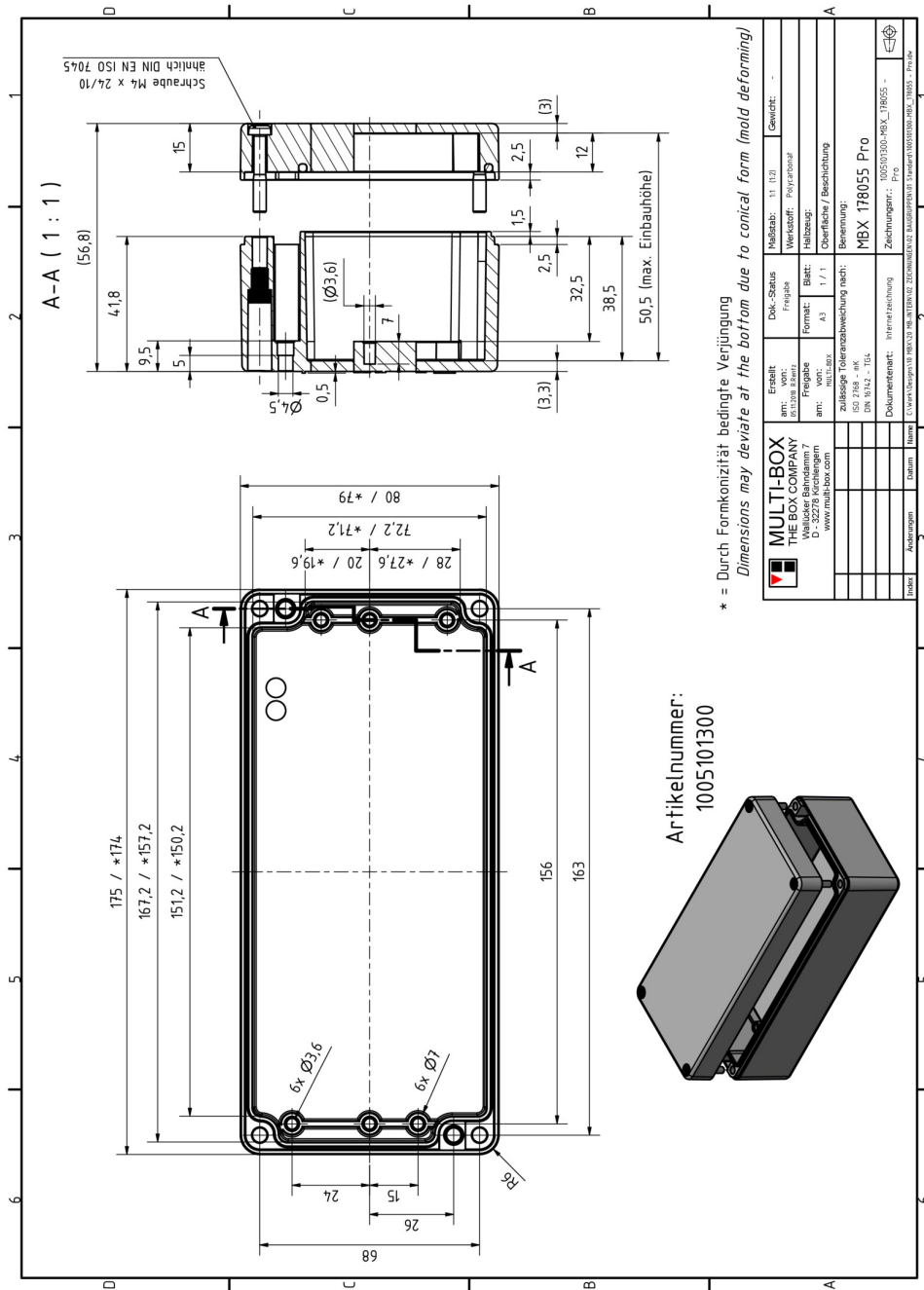
Permanent operating temperature min. (°C)	-40
Permanent operating temperature max. (°C)	100
Suitable for indoor use	☒
Suitable for outdoor use	☒

► Technical specifications

Protection class IP	69, 66
Norm of protection class	DIN EN 60529
Sealing foamed seamless	☒
Captive cover screws	☒
Assembly tool	PZ2
Tightening torque cover screws min. (Nm)	1.00
Tightening torque cover screws max. (Nm)	2.00

► **Accessories**

Mounting rail TS 15 Article no. 0111100315	Galvanized steel	  
Mounting rail TS 35 Article no. 0111101535	Galvanized steel	  
Mounting plate Steel Article no. 0112100300	Galvanized steel	  
Wall mounting brackets M4 (2 pcs) Article no. 0113100533	Stainless steel	  
Wall fixation bushes M4 (2 pcs) Article no. 1999000067	Brass nickel-plated	
Silicone cover seal Article no. 1980099999	Silicone	
Pole mounting set MBFIX Article no. 0313000018	Stainless Steel	  
External Hinges MBX P (2 PCS) Article no. 0314100500	Polycarbonate	
Hex socket head screws Article no. 1980000115	Stainless steel	
DIN-rail adapter TSFIX35 Article no. 0314000009	Polyamide 6 (PA6)	  



A higher-resolution version of this drawing, including 3D design data, is available for download at the following link:

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