2.0/2.1

ENCAPSULATED ELECTRICAL PARTS "mb"









ELECTRICAL PART 32 mm

This coil can be mounted with every Parker ATEX solenoid valves corresponding to the specified Coil Group.

See column "Coil Group" within valve pages.

Application: Control of solenoid valves in dangerous areas where explosion-proof protection Ex mb II T4 is required.

Benefits: Coil and magnetic circuit encapsulated in synthetic material offering shock and corrosion protection. AC/DC coils with integrated thermal fuse. DC coils with integrated surge suppression diode.

Small size for ease of mounting in confined spaces.



Reference				492670 or 492670.10* or 492670.160**			
Certificate				LCIE 02 ATEX 6015 X			
Coil Group				2.0 / 2.1			
Type of protection Gas Dust			Gas	II 2 G - Ex mb II T4			
			Dust	II 2 D - Ex tb IIIC - T130°C			
Degree of protection				IP65 (With DIN Plug connector) acc. to IEC 60529			
Ambiant temperature				-40° C to $+40^{\circ}$ C The application is limited also by the temperature range of the valve.			
Class of insulation				F 155°C			
Electrical connection				Cable connection (3 x 1.5 mm²) encapsulated with coil, cable material according to application			
Elect. Power	DC	Pn (hot)		9 W			
	DC	P (cold) 20°C		12 W			
벊	AC	Pn (holding)		8 W			
퓳	AU	Attraction cold		26 VA (9 W)			
Weight				320 g			
Voltages "Un"				VAC/Hz	Code	VDC	Code
-10% to +10% of the Un				48/50 230/50	A4 F4	24 48 110	C2 C4 C5

To Order a Coil choose Coil Ref + Voltage Code, example: 492670 for 24VDC = 492470C2

Special conditions:

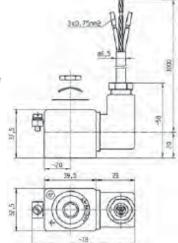
The supply connection lines have to be fixed and positioned in such a way that they are protected against mechanical damages.

It is necessary to use a safety fuse with a nominal current corresponding to the coil current (max. 3 x nominal according to IEC 60127 and IEC 60269) against short-circuits.

Recommended values:

12 V, 1250 mA - 24 V, 630 mA - 48 V, 315 mA - 110 V, 125 mA AC 50 HZ: 24 V, 1000 mA - 48 V, 500 mA - 110 V, 250 mA - 230 V, 100 mA

AC 60 Hz: 240 V, 100 mA



^{* 492670.10} for stainless steel application - 3 m cable length ** 492670.160 - 6 m cable length