

COIL GROUP

2.0/2.1

ENCAPSULATED
ELECTRICAL PARTS
"mb"



ZONE 1/21

WITH WATER PROOF METAL HOUSING 50 mm

These coils 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 IIC T4/ T5 is required.

Benefits: Epoxy-vernished steel housing - solenoid coil, rectifier (silicium diodes), fuse and varistor protection element are completely encapsulated in the coil housing by means of epoxy resin.

Small size for ease of mounting in confined space. Simplifies conversion of existing equipment to hazardous area requirements.



Reference			492070 (with 3 m cable length) 492070.60 (with 6 m cable length)		
Certificate			LCIE 02 ATEX 6017 X - IECEX LCI 09.0024 X		
Coil Group			2.0 / 2.1		
Type of protection		Gas	II 2 G - Ex mb IIC T4/ T5		
		Dust	II 2 D - Ex tb IIIC - T130 / 95°C		
Degree of protection			IP67 according to IEC/EN 60529 standards		
Ambient temperature			-40°C to +65°C / 40°C The application is limited also by the temperature range of the valve.		
Insulation Class			H 180°C		
Electrical connection			Cable connection (3 x 1.5 mm²) with cable gland M20 x 1.5, external earth screw connection.		
Elect. Power	DC	Pn (hot)	8 W		
		P (cold) 20°C	10 W		
	AC	Pn (holding)	9 W		
		Attraction cold	11 W		
		Weight		500 g	
Voltages "Un"		VAC/Hz	Code	VDC	Code
-10% to +10% of the Un		24/50-60	P0	24	C2
		110/50-60	P2	48	C4
		220/50-60	R5	110	C5
		230/50-60	P9		
		240/50-60	Q1		

To Order a Coil choose Coil Ref + Voltage Code, example: 492070 for 24 VDC = 492070C2

