

EXPLOSION PROOF ELECTRICAL PARTS

COIL GROUP

2.0/2.1

FLAME PROOF ENCAPSULATED ELECTRICAL PART "db mb"



ZONE 1/21

493640 OR HZ09 - ELECTRICAL PARTS

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 db mb II 2 G/D T4 to T5 is required.

Benefits: Metal armature encapsulated in synthetic material provides high shock and corrosion protection.

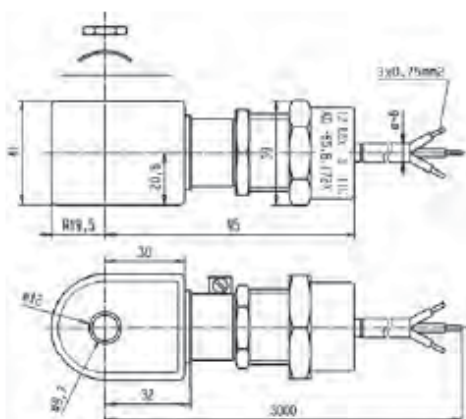
Small size for ease of mounting in confined space.



Reference			493640 or HZ09 493640.60* or HZ55			
Certificate			LCIE 02 ATEX 6009 X			
Coil Group			2.0 / 2.1			
Type of protection		Gas	II 2 G - Ex db mb T4/T5			
		Dust	II 2 D - Ex tb IIC - T130°C / T95°C			
Degree of protection			IP65			
Ambiant temperature			- 40°C to +75°C / +40°C The application is limited also by the temperature range of the valve.			
Class of insulation			F (155 °)			
Electrical connection			Special "Ex db" cable gland, galvanized steel, with EPDM sealing. (EPR) cable, outside diameter 7.3 ± 0.5 mm and 3000 mm long.			
Elect. Power	DC	Pn (hot)	8 W			
		P (cold) 20°C	9 W			
	AC	Pn (holding)	8 W			
		Attraction cold	32 VA (9 W)			
Weight			500 g			
Voltages "Un"			VAC/Hz	Code	VDC	Code
- 15% to +10% of the Un			110/50	A5	24	C2
			110-120/50-60	P3	48	C4
			220-240/50-60	Q3	120	C6

To Order a Coil choose Coil Ref + Voltage Code, example: 493640 for 24VDC = 493640C2

* 493640.60 - 6 m cable length



Fuses

This electrical part is equipped with a standard thermal cut-off fuse on all models and voltages

This electrical part must be connected in series with a safety fuse according to IEC 60127-3.

DC: 24V, 400 mA

AC: 110/50-120/60, 200 mA

220/50-240/60, 100 mA

230/50, 95 mA