

COIL GROUP

9.0

INCREASED SAFETY
AND ENCAPSULATED
ELECTRICAL PARTS "eb"

492210 - ELECTRICAL PARTS "BOOSTER" 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 eb mb IIC T5/T6 is required.

Benefits: Rotatable housing 360°, galvanized steel with internal and external screw terminals for earth connection.

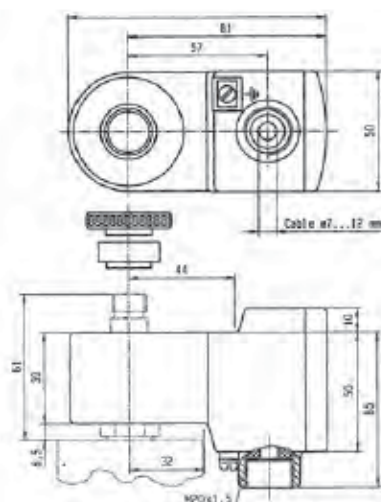
Small size for ease of mounting in confined space. Simplifies conversion of existing equipment to hazardous area requirements.



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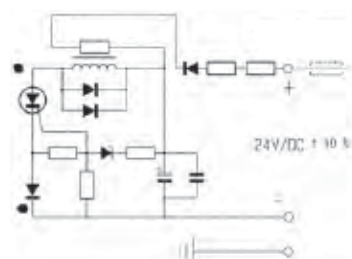
Reference	492210
Certificate	LCIE 02 ATEX 6023 X - IECEx LCI 06.0011 X
Coil group	9.0
Type of protection	Gas II 2 G - Ex eb mb IIC T5 / T6
Dust	II 2 D - Ex tb III C - T95°C / T80°C
Degree of protection	IP66
Ambient temperature	-40°C to +75°C / +40°C The operating temperature of the valve/coil can be limited by that of the valve
Insulation Class	F 155°C
Electrical connection	Connection box with terminals and cable entry via gland M20 x 1.5 Possibility for additional earth via external screw
Power consumption DC	1 to 1.8 W according to length of cable
Attraction current	I min = 60 mA (I nominal = 75 mA)
Voltage DC	U nominal = 24 VDC (C2), Umin = 21.6 VDC
Resistance	23 Ω + (R = 270 Ω)
Inductance	0 mH
Capacitance	0 μF
Response time	2 - 4 s
Weight	500 g

To Order a Coil choose Coil Ref + Voltage Code, example: 492210 for 24VDC = 492210C2



Indications:

Booster for Offshore valves



These electrical parts need an external fuse of I = 100 mA