

3.1.2 32 mm electrical parts with connector

2



Application: Control of solenoid valves in explosive atmospheres where dust dangerous area (zone 22) is required.

Benefits: This is an encapsulated assembly comprising a coil, integral magnetic iron path and snap-on plug connection. The synthetic material encapsulation provides an effective compact housing, offering full protection against dust, oil, water, etc.

Small size for ease of mounting in confined spaces.

All Lucifer valves which are suitable for standard 32 mm coils can be fitted with those electrical parts.



These electrical parts conform to the IEC/CENELEC safety standards and comply with European explosive atmosphere directive 94/9/EC « ATEX ».

Reference		495870	495875	495880	
Specification		Standard 32 mm	Low power 32 mm	High power 32 mm	
Type of protection	Dust	II 3 D (zone 22)			
Degree of protection		IP65 according to IEC / EN 60529 standards (with plug connection)			
Ambient temperature		- 40 °C to + 50 °C The application is limited also by the temperature range of the valve			
Dust temperature class (D)		130 °C	130 °C	170 °C	
Class of insulation		F (155 °C)	F (155 °C)	H (180 °C °)	
Electrical connection		Through a 2 P + E plug according to EN 175301-803 type A			
Elect. Power	DC	Pn (hot)	9 W	7 W	14 W
		P (cold) 20°C	12 W	9 W	21 W
	AC	Pn (holding)	8 W	6 W	14 W
		Attraction cold	26 VA (9W)	20 VA (7W)	55 VA (18W)
Voltage		24 VDC, 48/50, 110/50, 220-230/50	24 VDC, 220-230/50	24 VDC, 230/50	
Voltage tolerance		± 10% of the nominal voltage			
Solenoid duty		Continuous duty solenoid (ED 100%)			

Weight: 150 g.

