

TECHNICAL SPECIFICATIONS, DESCRIPTIONS and GENERAL FEATURES

- **Protection Degree:** IP 65 (EN 60529)
- **Plug Connection:** DIN 46340-3 poles connectors (DIN 43650)
- **Electrical Safety:** IEC 335, EN 60335-1, EN 60204-1
- **Coil Insulation Class:** H (180°C)
- **Coil Impregnation:** Fiber Glass Reinforced or PP-V0
- **Coil Encapsulation Material:** Fiber Glass Reinforced or PP-V0
- **Safety Mode:** EEx m II T4
- **Supply Voltages:** For AC (-) 12V, 24V, 48V, 110V, 230V
For DC (=) 12V, 24V, 48V, 110V, 230V
- **Voltage Tolerances:** For AC (-) or DC (=) % -10 ; % +10
- **Frequency:** 50 Hz
- **Coil Duty Cycle:** %100 ED, Continuously Rated
- **Min. And Max. Ambient Temperatures:** -20 °C; 70 °C
- **Standarts:** IEC 60079-0, IEC 60079-18, EN 50281-1-1, IEC 61241-1-1, EN 60529, EN 61000-6-4, 61000-6-2, EN 50014, EN 50028
- **Directive:** According to 94/9 EG (Atex 100a)
- The solenoid operator is an encapsulated safe electrical work equipment group II, designed for application in atmospheres according to category 2G and 2D (temperature class and surface temperature as per imprint)
- Design according to DIN VDE 0580
- Standart cable length 3 meters
- On request; other special supply voltages, frequencies (60 Hz), coil insulation class: F (155°C)
- High voltage tolerance, high reliability, high quality, high performance, Low power loss
- **Mounting position:** optional any position but preferably solenoid coil vertical on top
- Explosionproof operator, intended for use in potentially explosive atmospheres
- II 2G EEx m II T5 / For AC; 4,4VA-4,9VA / For DC; 4,9W-5, 1W
- II 2G EEx m II T6 / For AC; 3,9VA-4,4VA / For DC; 4,7W-5, 2W



IP 65	Wide Voltage Range	Coil Rotatable 360°	%100 Quality Control
Low Power Loss	High Voltage Tolerances	High Reliability	Long Life



Power Consumption					
Alternating Current (AC)			Direct Current (DC)		
Model No	Voltage	Inrush (VA)	Model No	Voltage	Cold (W)
EC011.AC.012	12	7,5VA	EC011.DC.012	12	9,9W
EC011.AC.024	24	7,2VA	EC011.DC.024	24	10,1W
EC011.AC.048	48	8,3VA	EC011.DC.048	48	8,9W
EC011.AC.110	110	9,1VA	EC011.DC.110	110	8,4W
EC011.AC.230	230	8,5VA	EC011.DC.220	220	9,5W

