

COILS & CONNECTORS



COILS



COUPLING TABLE
COILS/ELECTROPILOTS
ELECTROPILOTS/SOLENOID VALVES

COUPLING TABLE COILS/ELECTROPILOTS ELECTROPILOTS/SOLENOID VALVES			Electropilots					
			A	B	AA(U1)	AA(U3)	AB (U2)	
Coils	U04	10 mm						
	U05	15 mm	■					
	U1	22 mm			■			
	U2	30 mm					■	
	U3	30 mm				■		
Solenoid valves	BE				■	■		
		ISO 1 - ISO 2 ISO 3 - ISO 4						
	AE				■	■		
		ISO 1 ISO 2						
	BD		■					
		ISO 01 26 mm ISO 02 18 mm						
	AC-N				■	■		
		NAMUR interface						
	CL CM				■	■		
		G1/8 G1/4						
	G6 GL6		■					
		G1/8 sub-base						
G7		■						
	G1/8							
PS			■					
	tube Ø 4 tube Ø 6 tube Ø 8							
AC				■	■			
	G1/8 - G1/4 G1/2					■		
AF				■	■			
	G1/8 G1/4 - G3/8 G1/2 ÷ G1 1/2			■	■		■	
AG				■	■			
	G1/8 G1/4 ÷ G1 1/2					■		

Technical modifications keep in reserve !

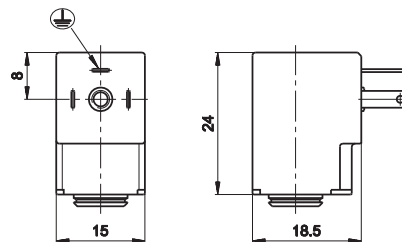
(2011/01)

COILS

U05 15 mm coils for A series electropilots / Connectors for U04 - U05 coils



U05 lato 15 mm coil - Faston



Life of ED (a) %	Input W		ACVA		Tolerance tension %		Rated voltage		Frequency	Weight	Part no.
	Contin.	Start	Conti.	Start	DC	AC	DCV	ACV	HZ	Kg	
100	-	-	3,5	-	-	±10	-	24	50/60	0,019	DD-011
100	-	-	3,5	-	-	±10	-	230	50/60	0,019	DD-013
100	-	-	2,3	3,2	±10	±10	-	24	50/60	0,019	DD-040
100	1,5	1,5	-	-	±10	-	12	-	-	0,019	DD-041
100	2,5	2,5	-	-	±10	±10	12	-	-	0,019	DD-042
100	-	-	2,3	3,2	±10	-	-	48	50/60	0,019	DD-050
100	2	2	-	-	±10	±10	24	-	-	0,019	DD-051
100	2,5	2,5	-	-	±10	-	24	-	-	0,019	DD-052
100	-	-	-	-	±10	±10	-	110	50/60	0,019	DD-060
100	-	-	2,3	3,2	±10	-	-	230	50/60	0,019	DD-070

COILS

U1 - U2 - U3 Coil



Possibility of replacement without intervention in the pneumatic circuit

Other voltages available upon request

360° rotation on the pilot. Coil winding: H class

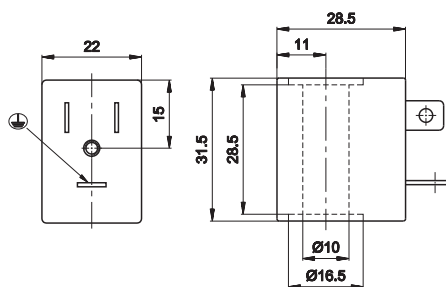
Ambient temperature: -10 ÷ +45 °C. Fluid temperature: -10 ÷ +95 °C.

The solenoid valves functioning with 100V-230V must be incorporated (EN60204-1)

Under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated.



U1 22 mm coil to be used with U1 electropilot

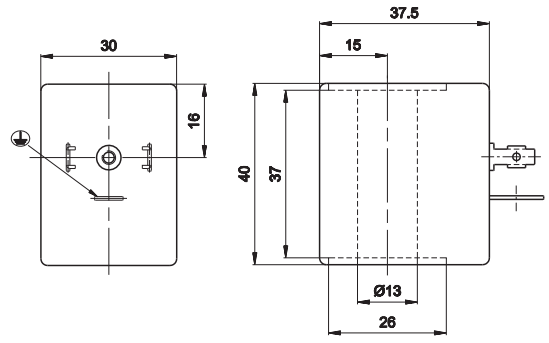


Life of ED (a) %	Input W		Tolerance tension %	Rated voltage	Weight Kg	Part no.
	continuo	start				
100	3,5	3,5	±10	12 V DC	0,06	DA-0050
100	3,5	3,5	±10	24 V DC	0,06	DA-0051
100	5,4 VA (max)	7,8 VA (max)	±10	24 V AC/50-60 HZ	0,06	DA-0106
100	5,4 VA (max)	7,8 VA (max)	±10	110 V AC/50-60 HZ	0,06	DA-0108
100	5,4 VA (max)	7,8 VA (max)	±10	230 V AC/50-60 HZ	0,06	DA-0124

Technical modifications keep in reserve !

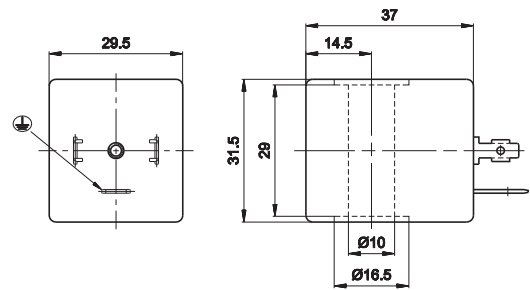
(2011/01)

U2 30 mm coil to be used with U2 electropilot



Life of ED (a)	Input W		Tension tolerance	Rated voltage	Weight	Part no.
	%	continuous				
100	11	11	±10	12 V DC	0,10	DB-0501
100	11	11	±10	24 V DC	0,10	DB-0502
100	10 VA (max)	16 VA (max)	±10	24 V AC/50-60 HZ	0,10	DB-0507
100	10 VA (max)	16 VA (max)	±10	110 V AC/50-60 HZ	0,10	DB-0509
100	10 VA (max)	16 VA (max)	±10	230 V AC/50-60 HZ	0,10	DB-0510


U3 30 mm coil to be used with U1 electropilot



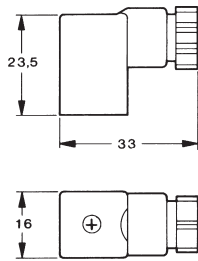
Life of ED (a)	Input W		Tension tolerance	Rated voltage	Weight	Part no.
	%	continuous				
100	2,5	2,5	±10	12 V DC	0,08	DC-0301
100	2,5	2,5	±10	24 V DC	0,08	DC-0302
100	3,3 VA (max)	5 VA (max)	±10	24 V AC/50-60 HZ	0,08	DC-0307
100	3,3 VA (max)	5 VA (max)	±10	110 V AC/50-60 HZ	0,08	DC-0309
100	3,3 VA (max)	5 VA (max)	±10	230 V AC/50-60 HZ	0,08	DC-0310

(a) = 110V - 230V solenoid valves must be built-in (EN-60204-1) under continuous service a maximum temperature will not compromise the functioning of the coil provided that the working position is ventilated

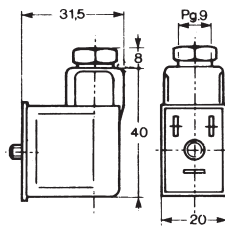
CONNECTORS FOR COILS (by DIN 43650)

	Cod.	Supply voltage until	Type coil	Protection class	Remarks
	MP05	0-250V~/300V=	U05	IP 65	
	MP05-LED-24V	24V	U05	IP 65	LED
	MP05-LED-24V-5M	24V	U05	IP 65	LED+CABLE
	MP1	0-250V~/300V=	U1	IP 65	
	MP1-LED-24V	24V	U1	IP 65	LED
	MP1-LED-24V-5M	24V	U1	IP 65	LED+CABLE
	MP1-LED-230V	230V	U1	IP 65	LED
	MP2	0-250V~/300V=	U2/U3	IP 65	
MP2-LED-24V	24V	U2/U3	IP 65	LED	
MP2-LED-230V	230V	U2/U3	IP 65	LED	

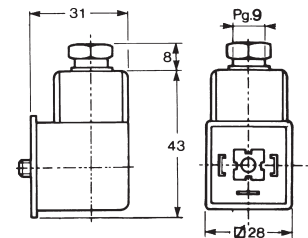
Dimensions



MP05

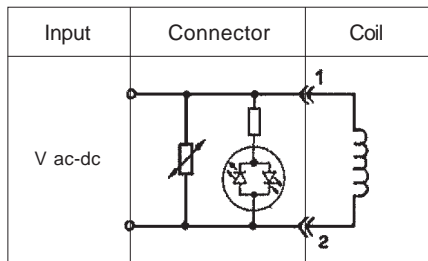


MP1



MP2

Electronic circuit for MP-LED



Bipolar LED and VDR to protect supply and switch.
(The energy in the coil is limited by the VDR).
Voltage: 24 or 230V.