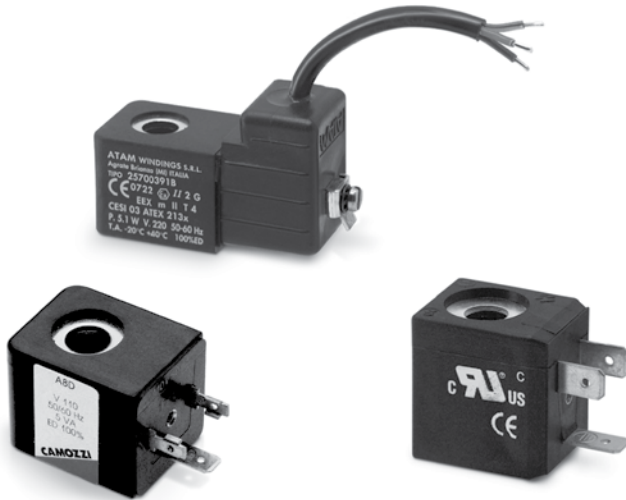


# Solenoids U7\* - U7\*EX - G7\* - A8\* - H8\*

Version A and B

Connection according to DIN 43650 and DIN 40050 standards



The mechanical part of the tube in the solenoid valves Series A, 3, 4, 9 and NA allows the mounting of various types of solenoids.

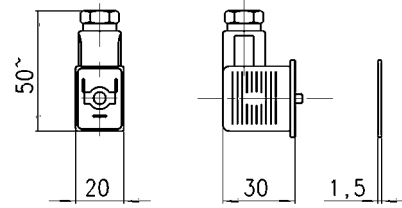
Mod. H8...: explosion-proof solenoids suitable for potentially explosive ambients (ATEX).

Mod. U7...: solenoids available also with ATEX certification.

## GENERAL DATA

Wire insulation	U7... / G7... / G93 = class F (155° C) A8... = class H (180° C) B... / H8... = class H (200° C)
Protection class	U7... / G7... / G93 = IP54 - DIN 40050 IP65 (with connector Mod. 122-800 and Mod. 122-800EX) A8... / B... = IP54 - DIN 40050 IP65 (with connector Mod. 124-800) H8... = IP64
Operation	ED 100%
Tolerance V AC	Mod. A and U: -15% / +10%
Tolerance V DC	Mod. A and U: ±10%

**DIN Connector for U7x and G7x Coils**  
EN 175301-803 Form B Industrial

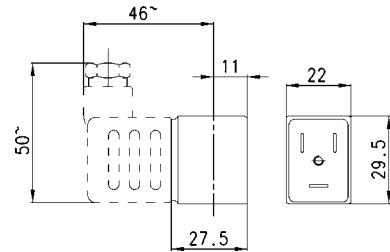
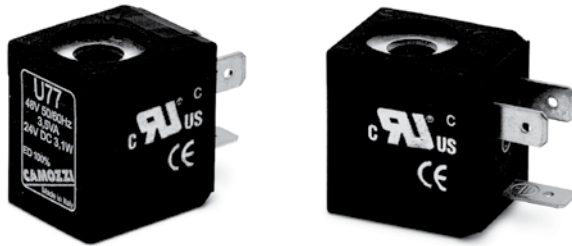


Mod. 122-800

Mod.	
122-800	DIN 43650 (PG9)
122-800EX	DIN 43650 (PG9) with TORX SCREW anti-tampering
122-701-2	24V w/ LED, varistor surge suppression and 2m molded cable
122-702-3	110V w/ LED, varistor surge suppression and 3m molded cable

**Solenoids for Mod. U70/ / U7\*EX / G70 (EN 175301-803 Form B Industrial)**

The U7\* series of solenoid coils complies with both standards UL and CSA, and the marking we will apply on the solenoids is cURus (standards UL 429 and CSA 22.2 n. 139).  
The U7\* coil series is also available in an ATEX explosion rated version. Mod. U7\*EX is marked II 3 GD Eex nA T4.  
NOTE: to order the ATEX version of hte U7\* coil it is necessary to add the EX suffix at the end of the code.



Nominal dimensions:	22x22
Protection class:	IP54 - DIN 40050 IP65 (with connector Mod. 122-800)
Insulation:	Class H (180°C)
Connections:	Bipolar plus earth DIN 43650 (version B)
Voltage tolerance:	AC +10% - 15% DC ±10%
Continuous operation:	ED 100%
Protection:	U70 PET G70 Nylon

**Solenoid Voltages U70 (UL and CSA approved)**

Mod.				Mod.			
U7H	24V	50/60 Hz	3,5VA	U77	24V	DC	3,1W
	12V	DC	3,1W		48V	50/60 Hz	3,5VA
U7K	110V	AC 50/60 Hz	4,3VA	U7F	380V	50/60 Hz	7VA
	125V	AC 50/60 Hz	5,5VA		U72	12V	DC
U7J	230V	50/60 Hz	3,5VA	U73	24V	DC	5W
	240V	50/60 Hz	4VA	U74	48V	DC	5W
U79	48V	DC	3,1W	U76	110V	DC	5W
U710	110V	DC	3,2W				

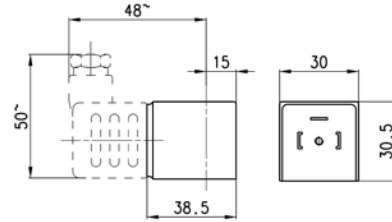
**Solenoid Voltages G70**

Mod.				Mod.			
G7H	24V	50/60 Hz	3,5VA	G77	24V	DC	3,1W
	12V	DC	3,1W		48V	50/60 Hz	3,5VA
G7K	110V	AC 50/60 Hz	4,3VA	G7F	380V	50/60 Hz	7VA
	125V	AC 50/60 Hz	5,5VA		G72	12V	DC
G7J	230V	50/60 Hz	3,5VA	G73	24V	DC	5W
	240V	50/60 Hz	4VA	G74	48V	DC	5W
G79	48V	DC	3,1W	G76	110V	DC	5W
G710	110V	DC	3,2W				

Dimensions in millimeters (mm)

Solenoids Mod. A8..

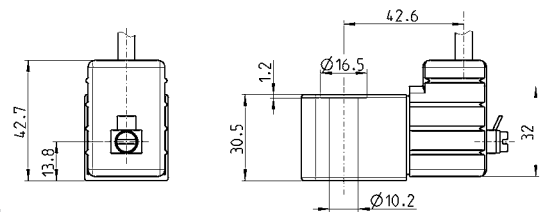
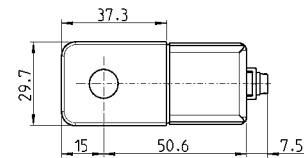
Connections: Bipolar plus earth DIN 43650  
(version A) (EN 175301-803 Form A / ISO 4400)



Mod.	Solenoid voltage	Power absorption
A8B	24 V - 50/60 Hz	5 VA
A8D	110 V - 50/60 Hz	5 VA
A8E	220 V - 50/60 Hz	5 VA
A83	24 V - DC	4 W

Solenoid Mod. H8.. for potentially explosive ambients (ATEX)

Class F according to the standard VDE0580  
Operating temperature: -20°C + 40°C  
Connections: tripolar cable 3 mt (standard)  
Conformity certificate to the standard CEI 31-8 (EN 50014) and CEI 31-13 (EN50028) marked EEx m IIT4.  
Incapsulating: self-extinguishing PA.

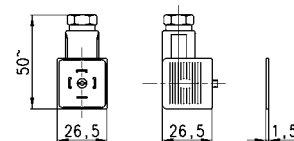


Mod.	Solenoid voltage	Power absorption
H83	24 V - DC	5,4 W
H8B	24 V - 50/60 Hz	5,3 VA
H8C	48 V - 50/60 Hz	5,3 VA
H8D	110 V - 50/60 Hz	5,3 VA
H8E	230 V - 50/60 Hz	5,3 VA

For Series NA use plate mod. NA54-PC.

Connectors for solenoids Mod. A8 and Mod. B8... / B9...

According to DIN 43650 (PG) standard  
(EN 175301-803 Form A / ISO 4400)



Mod.	Torque (Nm)
124-800	0.5

Dimensions in millimeters (mm)