HI-TECH CONTROLS, INC.
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Solenoids U70 - G70

Solenoids for FRL Electrical Shut-Off valves (Mod. V16),
and electropneumatically operated valves
Series A - 3 - 4 - 9 - NA

Solenoids for Series "U" solenoid valves

The solenoids for Series U solenoid valve, model U70 are of the monostable type (see connection diagram in Fig. 1).

The dimensions as well as the power consumption of these solenoids differ so that the best possible choice can be made depending on the type of electronic or electromechanical operating system used.

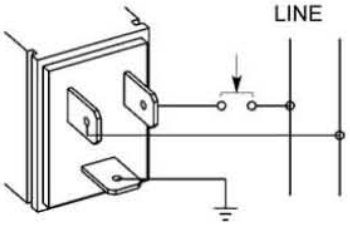
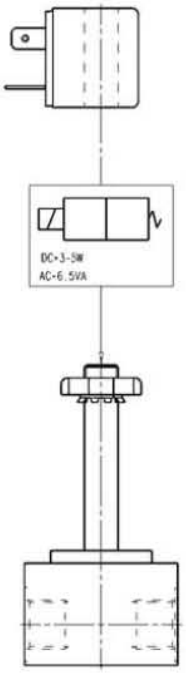


Fig. 1

Mod. U70/G70



The company reserves the right to vary models and dimensions without notice.
These products are designed for industrial applications and are not suitable for sale to the general public.

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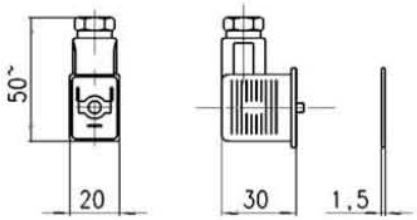
DIN Connector for U7x and G7x Coils

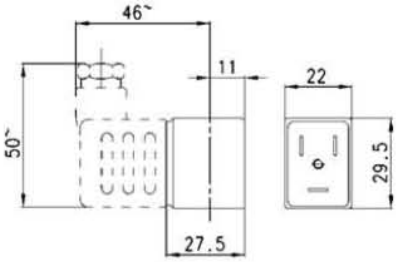
Mod. 122-800



Mod.	
122-800	DIN 43650 (PG9)
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 solenoid valves Mod. U70/G70

Our 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).



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.			
	24V	50/60 Hz	3,5VA
U7H	12V	DC	3,1W
U7K	110V	AC 50/60 Hz	4,3VA
	125V	AC 50/60 Hz	5,5VA
U7J	230V	50/60 Hz	3,5VA
	240V	50/60 Hz	4VA
U79	48V	DC	3,1W
U710	110V	DC	3,2W

Mod.			
	24V	DC	3,1W
U77	48V	50/60 Hz	3,5VA
U7F	380V	50/60 Hz	7VA
U72	12V	DC	5W
U73	24V	DC	5W
U74	48V	DC	5W
U76	110V	DC	5W

Solenoid Voltages G70

Mod.			
	24V	50/60 Hz	3,5VA
G7H	12V	DC	3,1W
G7K	110V	AC 50/60 Hz	4,3VA
	125V	AC 50/60 Hz	5,5VA
G7J	230V	50/60 Hz	3,5VA
	240V	50/60 Hz	4VA
G79	48V	DC	3,1W
G710	110V	DC	3,2W

Mod.			
	24V	DC	3,1W
G77	48V	50/60 Hz	3,5VA
G7F	380V	50/60 Hz	7VA
G72	12V	DC	5W
G73	24V	DC	5W
G74	48V	DC	5W
G76	110V	DC	5W

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