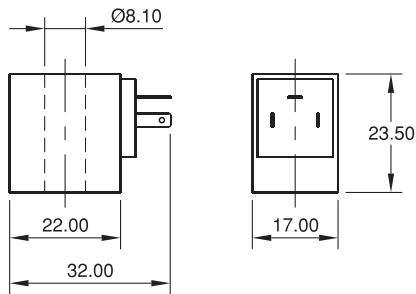




Solenoid Coils



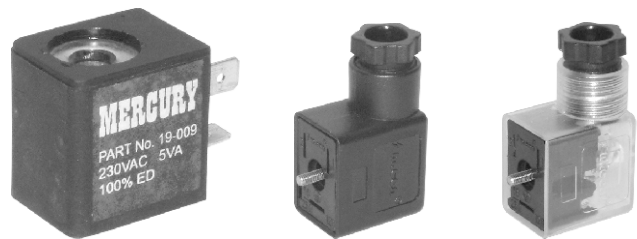
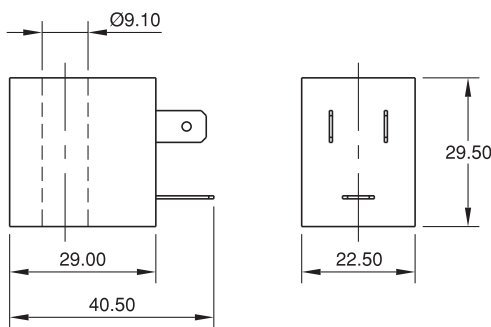
M17 Solenoid Coil



Electrical Conditions	
Coil Voltage	: 24 VDC & 230 VAC ±10%
Power	: DC - 2.5 W; AC - 3 VA
Duty Cycle	: Continuous
Protection	: IP 65
Connector	: Black (illuminated on request)

Connector	230VAC	24VDC
BLACK	M17A	M17D
ILLUMINATED	M17L	M17P

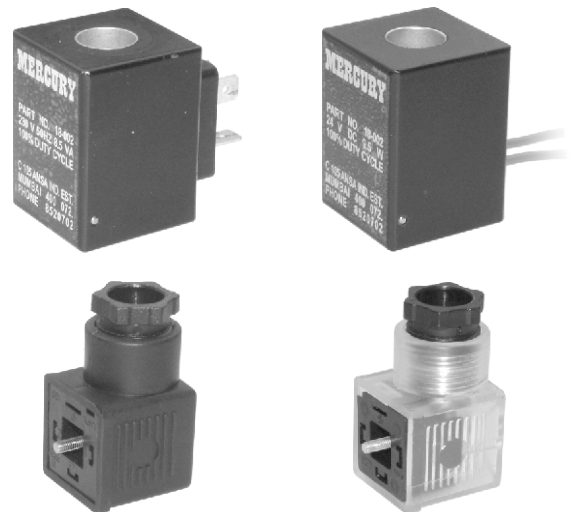
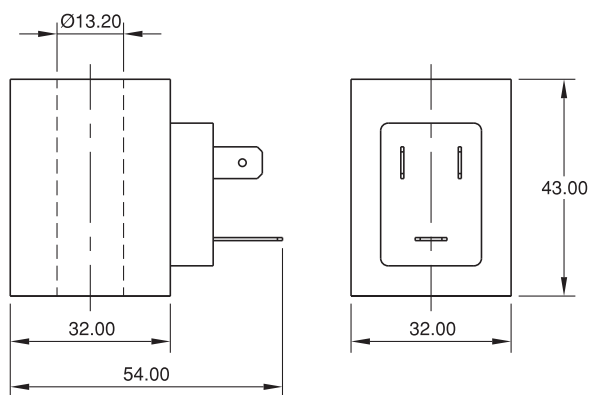
M22 Solenoid Coil



Electrical Conditions	
Coil Voltage	: 12 & 24 VDC; 24, 48, 110 & 230 VAC / 50 Hz ±10%
Power	: DC - 3 W; AC - 5 VA Hold, 7.5 VA Pickup
Duty Cycle	: Continuous
Protection	: IP 65 (as per DIN 40 050)
Connector	: Black (illuminated on request)

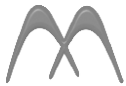
Connector	230VAC	24VAC	12VAC	24VDC	12VDC	110VAC	48VAC
BLACK	M22A	M22B	M22C	M22D	M22E	M22F	M22G
ILLUMINATED	M22L	M22M	M22N	M22P	M22Q	M22R	M22S

M32 Solenoid Coil



Electrical Conditions	
Coil Voltage	: 6, 12 & 24 VDC; 12, 24, 42, 110, 230 & 440 VAC ±10%
Power	: DC - 7.5 W; AC - 9 VA Hold, 18 VA Pickup
Duty Cycle	: Continuous
Protection	: IP 65 (as per DIN 40 050)
Connector	: Black (illuminated on request)

Connector	230VAC	24VAC	12VAC	24VDC	12VDC	110VAC	48VAC	440VAC	6VDC
BLACK	M32A	M32B	M32C	M32D	M32E	M32F	M32G	M32H	M32J
ILLUMINATED	M32L	M32M	M32N	M32P	M32Q	M32R	M32S	M32T	M32U
CABLE	M32WA	M32WB	M32WC	M32WD	M32WE	M32WF	M32WG	M32WH	M32WJ



Timer Operated Solenoids

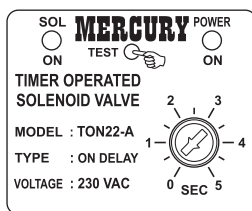


Technical Specifications

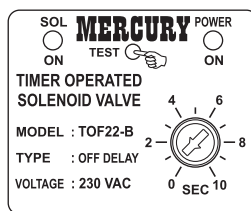
Voltage	: 24 VDC & 230 VAC ±10%
Power	: Type 22-DC 3 W, AC - 5 VA
	: Type 32-DC 7.5 W, AC - 9 VA
Duty	: Continuous
Response Time	: 15 msec
Protection	: IP 65 (as per DIN 40 050)
Connector	: Black



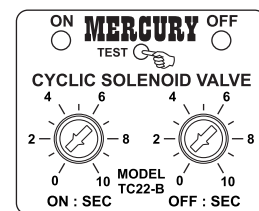
MODEL No.	TIME RANGE	TYPE	VOLTAGE	FUNCTION
TON 22AA TON 22AD	0.3 to 5sec	ON DELAY	230 VAC 24 VDC	The solenoid is energised after the set time interval and remains energised till input signal is removed.
TON 22BA TON 22BD	0.6 to 10sec	ON DELAY	230 VAC 24 VDC	
TON 32AA TON 32AD	0.3 to 5sec	ON DELAY	230 VAC 24 VDC	
TON 32BA TON 32BD	0.6 to 10sec	ON DELAY	230 VAC 24 VDC	
TOF 22BA TOF 22BD	0.6 to 10sec	OFF DELAY	230 VAC 24 VDC	The solenoid is energised immediately and is deenergised after the set time interval. The timer resets when input signal is removed.
TOF 32BA TOF 32BD	0.6 to 10sec	OFF DELAY	230 VAC 24 VDC	
TC 22BA TC 22BD	0.6 to 10sec	CYCLIC	230 VAC 24 VDC	The solenoid is energised and deenergised continuously, as long as power is supplied. On input signal the solenoid comes "ON" first.
TC 32BA TC 32BD	0.6 to 10sec	CYCLIC	230 VAC 24 VDC	
TON 22-05	0.3 to 5sec	ON DELAY	230 VAC	For Hydro Pneumatic Presses 230 VAC



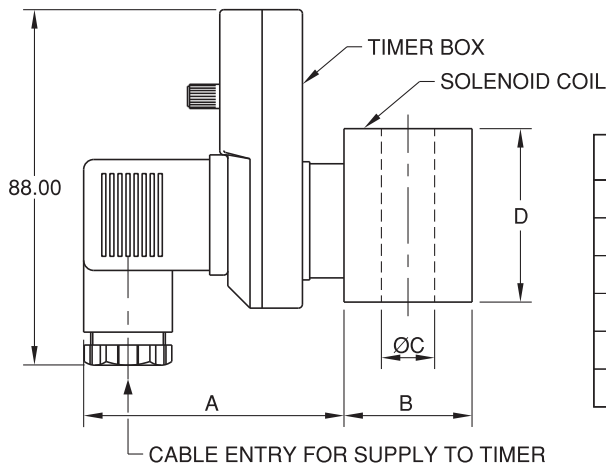
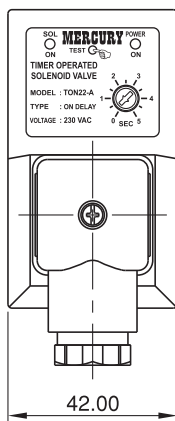
TON22 & TON32



TOF22 & TOF32



TC22 & TC32



MODEL No.	A	B	ØC	D
TON 22	51.00	29.00	9.10	30.00
TON 32	60.00	32.00	13.20	43.00
TOF 22	51.00	29.00	9.10	30.00
TOF 32	60.00	32.00	13.20	43.00
TC 22	51.00	29.00	9.10	30.00
TC 32	60.00	32.00	13.20	43.00