

SOLENOID COILS

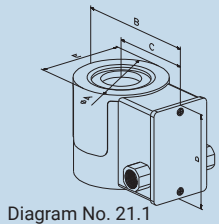
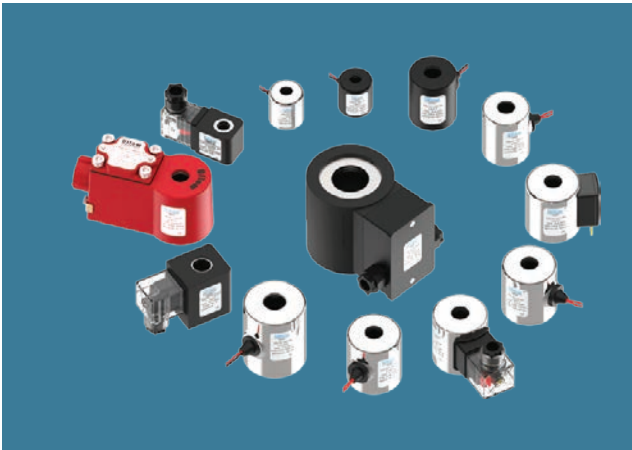


Diagram No. 21.1

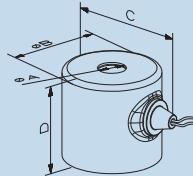


Diagram No. 21.4

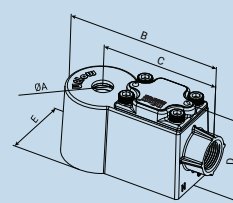


Diagram No. 21.2

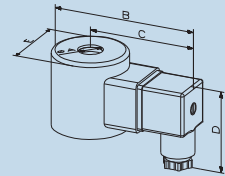


Diagram No. 21.5

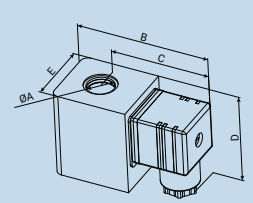


Diagram No. 21.3

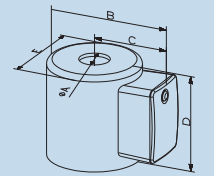


Diagram No. 21.6

SPECIFICATIONS

Coil Type :	Epoxy Moulded With LED Din Connector, Metallic Round Shape With Lead Wire Continuous Duty, IP-67 Flame Proof Coil Enclosure, IP-68 Weather Proof Coil Enclosure										
Coil Bore Diameter :	8mm, 10mm, 14mm, 16mm, 18mm, 30mm										
Class :	H-Class, Weather Proof IP-68, Flame Proof IP-67										
Voltage :	<table border="1"> <tr> <td>24AC</td> <td>110AC</td> <td>230AC</td> <td>12DC</td> <td>24DC</td> </tr> <tr> <td>7W</td> <td>8W / 30W</td> <td>8W / 17W / 30W</td> <td>10W / 30W</td> <td>11W / 30W</td> </tr> </table>	24AC	110AC	230AC	12DC	24DC	7W	8W / 30W	8W / 17W / 30W	10W / 30W	11W / 30W
24AC	110AC	230AC	12DC	24DC							
7W	8W / 30W	8W / 17W / 30W	10W / 30W	11W / 30W							
Watt :											
Duty :	100%										
Main Features :	Surge Suppressors for High Wattage Coil. 90% Power saver series also available, Latching Coil.										
Latching Coil Benefits :	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Remote or Battery operated application <input checked="" type="checkbox"/> A situation where a valve needs to be open/actuated for an extended period of time <input checked="" type="checkbox"/> When heat rise occurs from the coil being constantly energized to maintain its position is an unacceptable side effect in your application. 										
	End connections in Flame Proof Coils are available in - 1/2" NPT - 3/4" NPT - M20 X 1.5										

DIMENSION

All dimensions are in mm

Type	Diagram No.	A	B	C	D	E
Epoxy Moulded Round Coil	21.1	30.50	105	69	75	71
Flame proof Coil Enclosure	21.2	14.50	112	86	62.50	52
Epoxy Moulded With LED Din Connector	21.3	14.50	71	53	49	35.50
Epoxy Moulded With LED Din Connector	21.3	10.30	65	52	46	26
Metallic Round Shape With Lead Wire	21.4	14.50	44	57	47.50	-
Metallic Round Shape With Lead Wire	21.4	10.30	28	33.5	30	-
Metallic Round Shape LED Din Connector	21.5	14.50	85	62.50	50	44
Epoxy Moulded With LED Din Connector	21.3	18.50	84.2	57	58	54
Metallic Round Shape With Lead Wire	21.4	18.50	50	62	60.50	-
Metallic Round Shape Power Saver	21.6	14.50	61.30	39	49.00	44

We are Introducing New Power Saver Series (VA Series) Served by Our R&D Department, This New Latest Technology Saves Up to 90% of Power.

BENEFITS:

- Reduce Battery Drain
- Reduce Wiring Cost
- Reduce Temperature Rise
- Energy Savings
- Improve Valve Performance at High Pressure
- Low Wattage
- Weatherproof coils are conforming as per IEC/IEC-60529-2001 (Approved by ERDA) (IP-67).
- Flame Proof Coils conforming as per IS/IEC-60079-1:2007 (Approved by CIMFR).
- Coils are suitable for IIC Atmosphere Condition (Zone 1&2 Gas Group).
- Flame Proof Series are followed under BIS.
- For Flame Proof Condition Working Environment Coils are licensed under PESO.

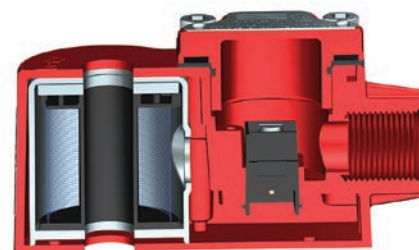
COIL IDENTIFICATION CHART

F A I 09 H

COIL HOUSING	VOLTAGE	COIL BORE	WATTAGE	CONNECTION
R Round	A 230V AC	F 08 mm	00 00.00	S Socket
M Epoxy	B 24V AC	G 10 mm	01 01.00	L Lead Wire
W Weather Proof	C 42V AC	H 13 mm	02 02.00	H 1/2" NPT
F Flame Proof	D 48V AC	I 14 mm	03 03.00	M M20 X 1.5
P Power Saver	E 110V AC	J 16 mm	04 04.00	T 3/4" NPT
	F 12V DC	K 18 mm	05 05.00	
	G 24V DC	L 20 mm	06 06.00	
	J 230V FAC	M 22 mm	07 07.00	
	M 24V FAC	N 24 mm	08 08.00	
	N 415V AC	O 26 mm	09 09.00	
	O 36V DC	P 28 mm	10 10.00	
	P 110V FAC	Q 30 mm	11 11.00	
	Q 110V DC		12 12.00	
	R 48V DC		...	
			33 33.00	



POWER SAVER SERIES
PRODUCT IMAGE



FLAME PROOF COIL ENCLOSURE
SECTION VIEW