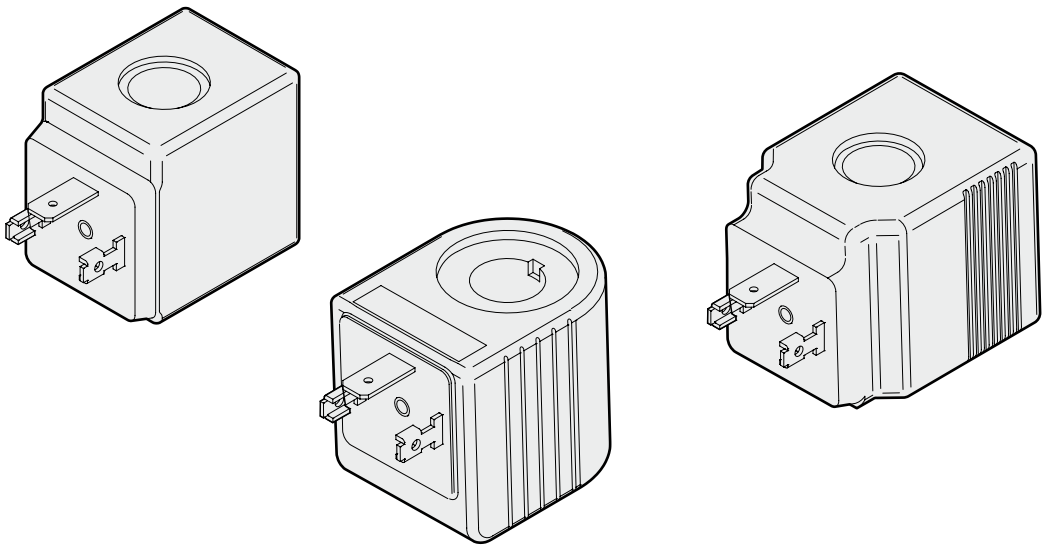
17

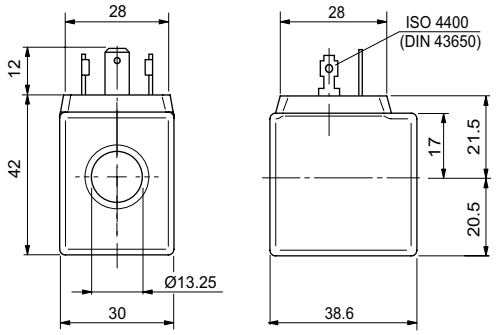
COILS



C30 - COILS 18W

Type of protection	IP 65
Number of cycle	18000/h
Supply tolerance	±10%
Ambient temperature	-30°C ÷ 60°C

Duty cycle	100% ED
Insulation class wire	F
Weight	0.141 kg

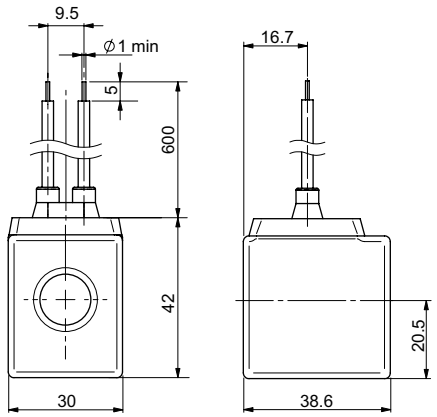


Standard (Hirschmann ISO 4400 DIN43650)

Coil		Max winding temperature (1)	Rated power	Resistance ±7% (2)	Spare code
Code	Voltage				
L	12 VDC	135 °C	18 W	7.7 Ω	M14000001
M	24 VDC	135 °C	18 W	31 Ω	M14000002
N	48 VDC	135 °C	18 W	116 Ω	M14000003
2	21.6 VDC	135 °C	18 W	27 Ω	M14000009
Z	102 VDC (3)	120 °C	18 W	578 Ω	M14000006
X	205 VDC (3)	120 °C	18 W	2627 Ω	M14000007
A	24 VAC/50 Hz	125 °C	35 VA	5.3 Ω	M14001002
J	115 VAC/50 Hz (3)	125 °C	35 VA	108 Ω	M14001004
I	230 VAC/50 Hz (3)	125 °C	35 VA	438 Ω	M14001005
F	24 VAC/60 Hz	125 °C	35 VA	3.8 Ω	M14001012
C	110 VAC/60 Hz (3)	125 °C	35 VA	92 Ω	M14001014
D	220 VAC/60 Hz (3)	125 °C	35 VA	375 Ω	M14001015

(*1*) Ambient temperature 25 °C - (*2*) Ambient temperature 20 °C

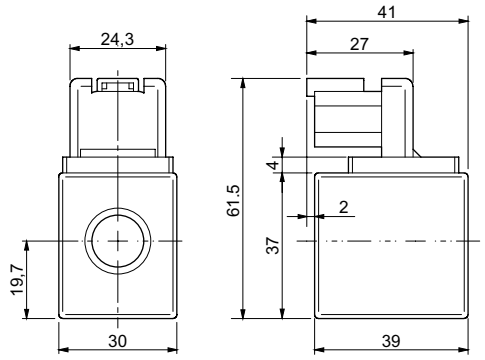
(*3*) The european low voltage directive is applied to electronical equipments used at a nominal voltages between 50 and 1000 VAC or 75 and 1500 VDC. In conformity with the low directive each part of the manifold or the subplate on which the valve is mounted should be connected to a protective earth with a resistence less than 0.1 ohms.



With wires (variant FK)

Coil		Max winding temperature (1)	Rated power	Resistance ±7% (2)	Spare code
Code	Voltage				
L	12 VDC	135 °C	18 W	7.7 Ω	M14000101
M	24 VDC	135 °C	18 W	31 Ω	M14000102

(*1*) Ambient temperature 25 °C - (*2*) Ambient temperature 20 °C



DEUTSCH and bidirectional integrated diode (variant CX)

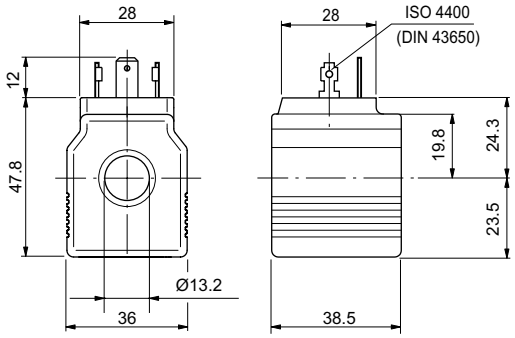
Coil		Max winding temperature (1)	Rated power	Resistance ±7% (2)	Spare code
Code	Voltage				
L	12 VDC	135 °C	18 W	7.7 Ω	M14760001
M	24 VDC	135 °C	18 W	31 Ω	M14760002

(*1*) Ambient temperature 25 °C - (*2*) Ambient temperature 20 °C

C36 - COILS 22W

Type of protection	IP 65
Number of cycle	18000/h
Supply tolerance	±10%
Ambient temperature	-30°C ÷ 60°C

Duty cycle	100% ED
Insulation class wire	H
Weight	0.2 kg

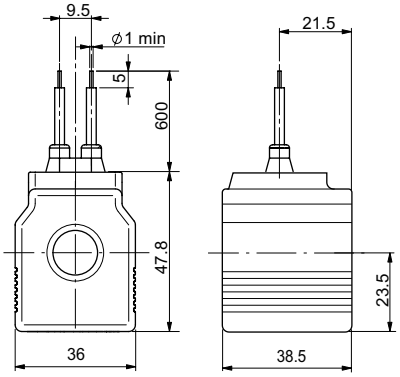


Standard (Hirschmann ISO 4400 DIN43650)

Coil		Max winding temperature (1)	Rated power	Resistance ±7% (2)	Spare code
Code	Voltage				
L	12 VDC	135 °C	22 W	6.3 Ω	M14040001
4	14 VDC	135 °C	22 W	8.9 Ω	M14040009
M	24 VDC	135 °C	22 W	25.6 Ω	M14040002
V	28 VDC	135 °C	22 W	32.8 Ω	M14040008
N	48 VDC	135 °C	22 W	102 Ω	M14040003
2	21.6 VDC	135 °C	22 W	20.2 Ω	M14040000
Z	102 VDC (3)	135 °C	22 W	467.85 Ω	M14040006
X	205 VDC (3)	135 °C	22 W	1954 Ω	M14040007

(*1*) Ambient temperature 25 °C - (*2*) Ambient temperature 20 °C

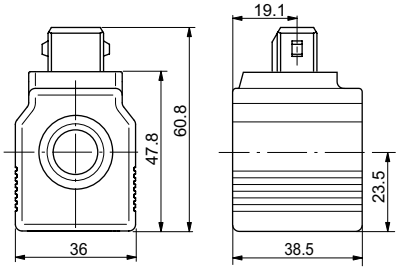
(*3*) The european low voltage directive is applied to electronical equipments used at a nominal voltages between 50 and 1000 VAC or 75 and 1500 VDC. In conformity with the low directive each part of the manifold or the subplate on which the valve is mounted should be connected to a protective earth with a resistence less than 0.1 ohms.



With wires (variant FK)

Coil		Max winding temperature (1)	Rated power	Resistance ±7% (2)	Spare code
Code	Voltage				
L	12 VDC	135 °C	22 W	6.3 Ω	M14040101
4	14 VDC	135 °C	22 W	8.9 Ω	M14040109
M	24 VDC	135 °C	22 W	25.6 Ω	M14040102
V	28 VDC	135 °C	22 W	32.8 Ω	M14040108

(*1*) Ambient temperature 25 °C - (*2*) Ambient temperature 20 °C



AMP Junior (variant AJ)

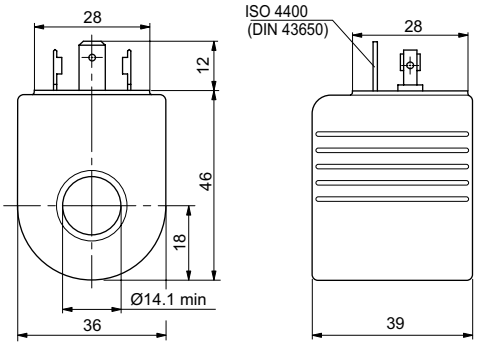
Coil		Max winding temperature (1)	Rated power	Resistance ±7% (2)	Spare code
Code	Voltage				
L	12 VDC	135 °C	22 W	6.3 Ω	M14730001
M	24 VDC	135 °C	22 W	25.6 Ω	M14730002

(*1*) Ambient temperature 25 °C - (*2*) Ambient temperature 20 °C

A09 - COILS 27W

Type of protection	IP 65
Number of cycle	18000/h
Supply tolerance	±10%
Ambient temperature	-30°C ÷ 60°C

Duty cycle	100% ED
Insulation class wire	H
Weight	0.215 kg

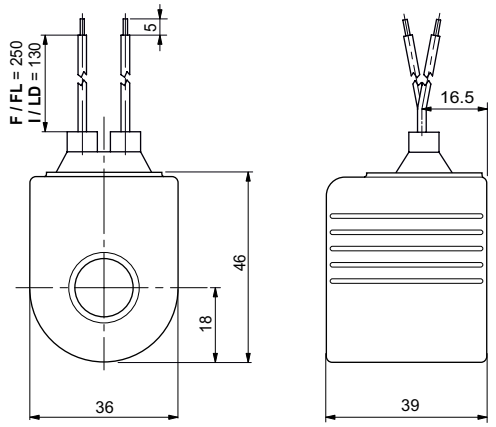


Hirschmann ISO 4400 DIN43650 (connection H)

Coil		Max winding temperature (1)	Rated power	Resistance ±7% (2)	Spare code
Code	Voltage				
L	12 VDC	123 °C	27 W	5.3 Ω	M14310001
M	24 VDC	123 °C	27 W	21.3 Ω	M14310002
N	48 VDC	123 °C	27 W	85.3 Ω	M14310003
Z	102 VDC (3)	123 °C	27 W	392 Ω	M14310008
P	110 VDC (3)	123 °C	27 W	448 Ω	M14310005
X	205 VDC (3)	123 °C	27 W	1577 Ω	M14310009

(*1*) Ambient temperature 25 °C - (*2*) Ambient temperature 20 °C

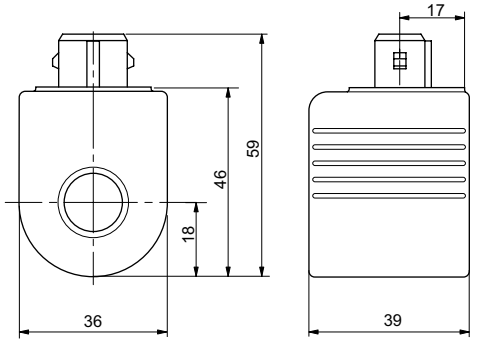
(*3*) The european low voltage directive is applied to electronical equipments used at a nominal voltages between 50 and 1000 VAC or 75 and 1500 VDC. In conformity with the low directive each part of the manifold or the subplate on which the valve is mounted should be connected to a protective earth with a resistence less than 0.1 ohms.



With wires and integrated bidirectional diode (connection F-I / variants FL-LD)

Bobina		Wires (mm)	Max winding temperature (1)	Rated power	Resistance ±7% (2)	Spare code
Codice	Tensione					
L	12 VDC	F = 250	123 °C	27 W	5.3 Ω	M14070011
M	24 VDC	F = 250	123 °C	27 W	21.3 Ω	M14070012
L	12 VDC	I = 130	123 °C	27 W	5.3 Ω	M14330001
M	24 VDC	I = 130	123 °C	27 W	21.3 Ω	M14330002

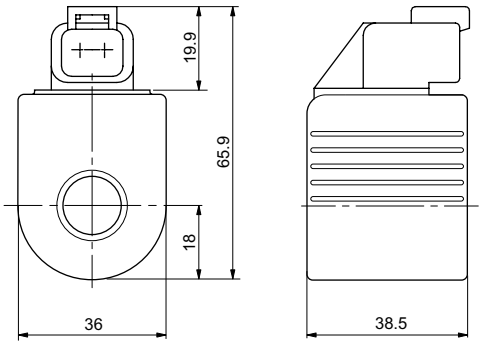
(*1*) Ambient temperature 25 °C - (*2*) Ambient temperature 20 °C



AMP Junior (connection A / variant AJ)

Coil		Max winding temperature (1)	Rated power	Resistance ±7% (2)	Spare code
Code	Voltage				
L	12 VDC	123 °C	27 W	5.3 Ω	M14320001
M	24 VDC	123 °C	27 W	21.3 Ω	M14320002

(*1*) Ambient temperature 25 °C - (*2*) Ambient temperature 20 °C



Deutsch + bidirectional diode - DT04-2P (connection D / variant CX)

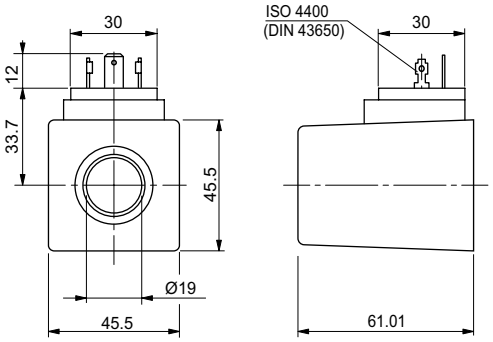
Coil		Max winding temperature (1)	Rated power	Resistance ±7% (2)	Spare code
Code	Voltage				
L	12 VDC	123 °C	27 W	5.3 Ω	M14340001
M	24 VDC	123 °C	27 W	21.3 Ω	M14340002

(*1*) Ambient temperature 25 °C - (*2*) Ambient temperature 20 °C

D12 - COILS 30W

Type of protection	IP 65
Number of cycle	18000/h
Supply tolerance	±10%
Ambient temperature	-30°C ÷ 60°C

Duty cycle	100% ED
Insulation class wire	H
Weight	0.2 kg



Standard (Hirschmann ISO 4400 DIN43650)

Coil		Max winding temperature (1)	Rated power	Resistance ±7% (2)	Spare code
Code	**Voltage**				
L	12 VDC	108 °C	30 W	4.7 Ω	M14100010
M	24 VDC	108 °C	30 W	18.8 Ω	M14100011

(*1*) Ambient temperature 25 °C - (*2*) Ambient temperature 20 °C