

Types and ordering codes

Valve type	Coil	Voltage	Connector					
			ISO4400	Deutsch DT	AMP JPT	Packard Weather-pack	Packard Metri-pack	Flying leads
Directional solenoid valves								
EJ08G	BT	10 VDC	4SL3000100	-	-	-	-	-
		12 VDC	4SL3000120 4SL3000126 ⁽⁴⁾	4SL3000130 ⁽⁶⁾ 4SL3000134 ⁽³⁻⁶⁾ 4SL3000128 ⁽²⁾	4SL3000122 ⁽⁵⁾ 4SL3001200 ⁽³⁻⁵⁾	4SL3000124 ⁽²⁾	4SL3000127 ⁽²⁾	4SL300012C
		24 VDC	4SL3000240 4SL3030240 ⁽¹¹⁾	4SL3000249 ⁽⁶⁾ 4SL300024C ⁽³⁻⁶⁾	4SL3000248 ⁽⁵⁾	-	-	4SL3000246
		26 VDC	4SL3000260	-	-	-	-	-
		48 VDC	4SL3000480 4SL3030480 ⁽¹¹⁾	-	-	-	-	-
		110 VDC	4SL3001100 4SL3031100 ⁽¹¹⁾	-	-	-	-	-
		220 VDC	4SL3002200 4SL3032200 ⁽¹¹⁾	-	-	-	-	-
EC..T EW10M ER12M RD08TX EJ12M	BH	12 VDC	4SLD001200A	4SLD001201A ⁽⁶⁾	4SLD001207A ⁽⁶⁾	-	-	4SLD001203A
24 VDC		4SLD002400A	4SLD002401A ⁽⁶⁾	4SLD002407A ⁽⁶⁾	-	-	4SLD002403A	
EE08A EB08M EC..M EF..M EH..M EW08M EJ08MF EJ08M EL08B ER08L ET08L ET08X	BER	10 VDC	4SLE001000A	-	-	-	-	-
		12 VDC	4SLE001200A 4SLE001217A ⁽³⁾	4SLE001201A ⁽⁵⁾ 4SLE001209A ⁽³⁻⁵⁾ 4SLE001202A ⁽⁶⁾ 4SLE001216A ⁽³⁻⁶⁾ 4SLE001206A ⁽²⁾	4SLE001203A ⁽⁵⁾ 4SLE001211A ⁽³⁻⁵⁾	4SLE001210A ⁽²⁾	4SLE001214 ⁽²⁾	4SLE001207A
		24 VDC	4SLE002400A 4SLE002408A ⁽³⁾ 4SLE302400A ⁽¹⁾	4SLE002401A ⁽⁵⁾ 4SLE002407A ⁽³⁻⁵⁾ 4SLE002402A ⁽⁶⁾	4SLE002403A ⁽⁵⁾	-	-	4SLE002404A
		48 VDC	4SLE004800A 4SLE304800A ⁽¹⁾	-	-	-	-	-
		110 VDC	4SLE011000A 4SLE311000A ⁽¹⁾	-	-	-	-	-
		220 VDC	4SLE022000A 4SLE322000A ⁽¹⁾	-	-	-	-	-
		10.5 VDC	4SL6000100	-	-	-	-	-
EE10A	BIN19	12 VDC	4SL6000121	-	-	-	-	-
		24 VDC	4SL6000240	-	-	-	-	-
EE12A	BIN22	12 VDC	4SL6000128	-	-	-	-	-
		24 VDC	4SL6000245	-	-	-	-	-
EJ10M ER10L ET10L ET10X EK10L EK10X	BC	10.5 VDC	4SL8000110					
		12 VDC	4SL8000120	4SL800012BA ⁽⁶⁾ 4SL8001201A ⁽⁶⁻³⁾	4SL8000127 ⁽⁵⁾ 4SL8000130 ⁽⁵⁻³⁾	-	-	4SL800012A
		24 VDC	4SL8000240 4SL8030240 ⁽¹¹⁾	4SL8000243 ⁽⁶⁾	4SL8000241 ⁽⁵⁾	-	-	4SL8000242
		26 VDC	4SL8000260	-	-	-	-	-
		48 VDC	4SL8030480 ⁽¹¹⁾	-	-	-	-	-
		110 VDC	4SL8031100 ⁽¹¹⁾	-	-	-	-	-
		220 VDC	4SL8032200A ⁽¹¹⁾	-	-	-	-	-
EL10C	BQ16	12 VDC	4SL8000121	4SL8000128 ⁽⁵⁾	-	-	4SL8000124 ⁽²⁾	4SL8000125
		24 VDC	4SL8002400	4SL8000245 ⁽⁵⁾	-	-	-	-

Types and ordering codes

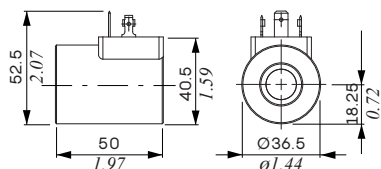
Valve type	Coil	Voltage	Connector					
			ISO4400	Deutsch DT	AMP JPT	Packard Weather-pack	Packard Metri-pack	Flying leads
Pressure relief valves – Pressure reducing valves – Flow control pressure compensated valves								
MC10T MC10X MP..T MP..X PP..X PU..X RP..X EE.X	BQP19	12 VDC	4SL5000126A	4SL5000125A ⁽⁶⁾	4SL5000129A ⁽⁵⁾	-	-	-
		24 VDC	4SL5000245A	4SL5000244A ⁽⁶⁾	4SL5000248 ^(A5)	-	-	-
	BH	12 VDC	4SLD001200A	4SLD001201A ⁽⁶⁾	4SLD001207A ⁽⁶⁾	-	-	4SLD001203A
		24 VDC	4SLD002400A	4SLD002401A ⁽⁶⁾	4SLD002407A ⁽⁶⁾	-	-	4SLD002403A
Mating connectors (For connector with rectifier see following table)			4CN1009995B	5CON140031	5CON003	5CON001	5CON017	-
Notes: ⁽¹⁾ supply with AC and use only with rectifier connector – ⁽²⁾ with flying leads – ⁽³⁾ with bidirectional diode – ⁽⁴⁾ with unidirectional diode ⁽⁵⁾ integrated perpendicular type – ⁽⁶⁾ integrated parallel type								

Voltage	ISO 4400 mating connector with rectifier			
	BT type coil	BE type coil	BER type coil	BC type coil
24 VDC	4CN3010240	4CN1010240	4CN1010240	4CN3010240
48 VDC	4CN3010480	4CN1010480	4CN1010480	4CN3010480
110 VDC	4CN3011100	4CN1011100	4CN1011100	4CN3011100
220 VDC	4CN3012200	4CN1012200	4CN1012200	4CN3012200

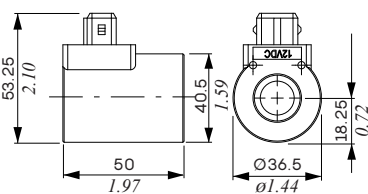
Dimensional data and features

BT type

ISO4400 connector



AMP JPT connector



Features

Nominal voltage tolerance : $\pm 10\%$

Power rating.....

- : 19 W - 10 VDC
- : 21 W - 12/24/26 VDC
- : 20.3 W - 48 VDC
- : 17.3 W - 110 VDC
- : 17.7 W - 220 VDC
- : 19.9 W - 24 RAC
- : 20.7 W - 48 RAC
- : 20 W - 110 / 220 RAC

Max. operating current ...

- : 1.9 A - 10 VDC
- : 1.77 A - 12 VDC
- : 0.89 A - 24VDC
- : 0.84 A - 26 VDC
- : 0.43 A - 48 VDC
- : 0.16 A - 110 VDC
- : 0.08 A - 220 VDC
- : 0.93 A - 24 RAC
- : 0.47 A - 48 RAC
- : 0.18 A - 110 RAC
- : 0.09 A - 220 RAC

Coil insulation..... Class F (155°C - 311°F)

Weather protection..... IP65 - ISO4400

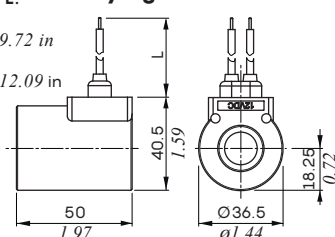
- : IP69K - Deutsch DT
- : IP65 - AMP JPT
- : IP67 - Weatherpack
- : IP67 - Metri-pack

Insertion..... 100%

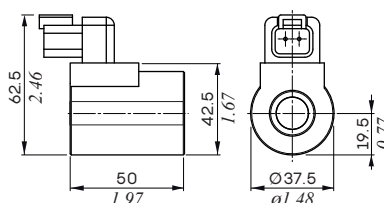
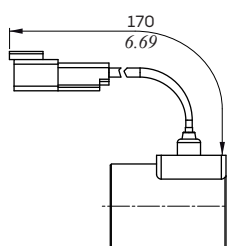
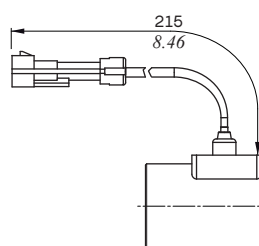
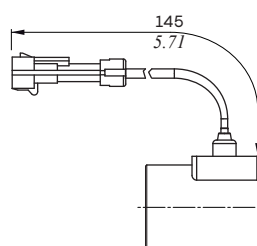
Dimension L:

12 VDC =
247 mm / 9.72 in
24 VDC =
307 mm / 12.09 in

Flying leads

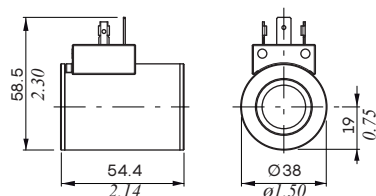


DEUTSCH DT04 connector

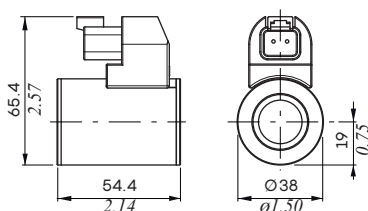
Flying leads with
DEUTSCH DT04
connectorFlying leads with
PACKARD WEATHER-PACK
connectorFlying leads with
PACKARD METRI-PACK
connector

BH type

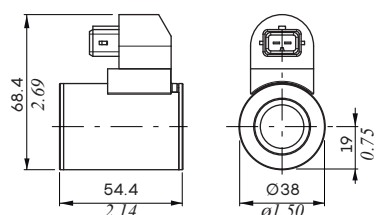
ISO4400 connector



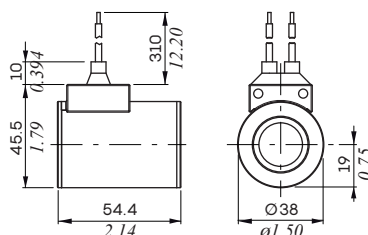
DEUTSCH DT04 connector



AMP JPT connector



Flying leads



Features

Nominal voltage tolerance... $\pm 10\%$

Power rating..... 33 W - 12/24 VDC

Max. oper. current (on/off) ... 2.75 A - 12 VDC

: 1.38 A - 24 VDC

Max. prop. control current ... 1.7 A - 12 VDC

: 0.85 A - 24 VDC

Coil insulation..... Class H
(180°C - 356°F)

Weather protection..... IP65 - ISO4400

: IP69K - Deutsch DT

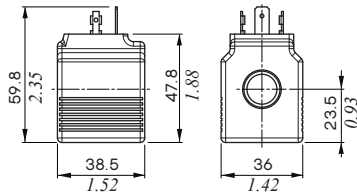
: IP65 - AMP JPT

Insertion..... 100%

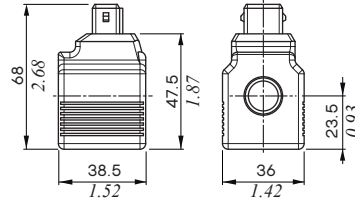
Dimensional data and features

BER type

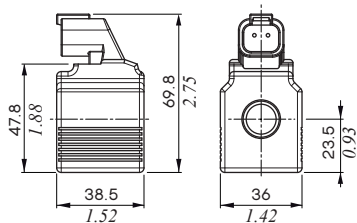
ISO4400 connector



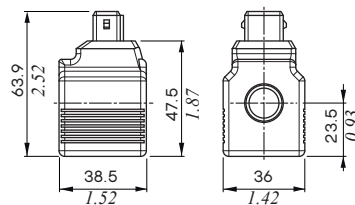
DEUTSCH DT04 connector (perpendicular type)



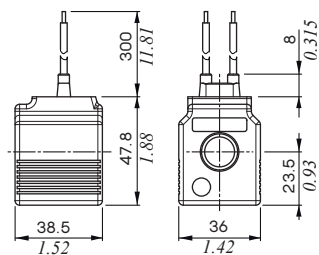
DEUTSCH DT04 connector (parallel type)



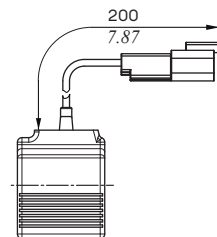
AMP JPT connector



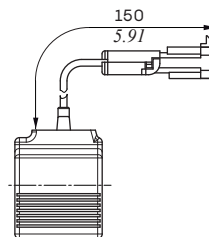
With flying leads



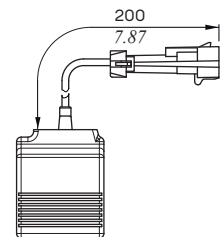
Flying leads with DEUTSCH DT04 connector



Flying leads with PACKARD WEATHER-PACK connector



Flying leads with PACKARD METRI-PACK connector

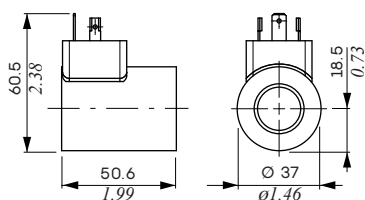


Features

- Nominal voltage tolerance : $\pm 10\%$
- Power rating : 19 W - 10/12/24/48/
110/220 VDC
- : 19 W - 24/110/220 RAC
- : 19 W - 48 RAC
- Max. operating current ... : 1.9 A - 10 VDC
- : 1.61 A - 12 VDC
- : 0.80 A - 24 VDC
- : 0.40 A - 48 VDC
- : 0.17 A - 110 VDC
- : 0.09 A - 220 VDC
- : 0.89 A - 24 RAC
- : 0.45 A - 48 RAC
- : 0.19 A - 110 RAC
- : 0.09 A - 220 RAC
- Coil insulation : Class H (180°C - 356°F)
- Weather protection : IP65 - ISO4400
- : IP69K - Deutsch DT
- : IP65 - AMP JPT
- : IP67 - Weatherpack
- : IP67 - Metri-pack
- Insertion : 100%

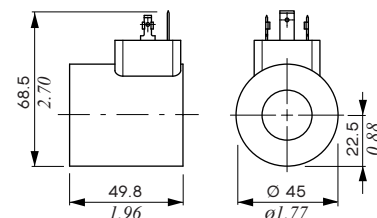
BIN19 type

ISO4400 connector



BIN22 type

ISO4400 connector



Features

- Nominal voltage tolerance : $\pm 10\%$
- Coil insulation : Class F (155°C - 311°F)
- Weather protection : IP65 - ISO4400
- Insertion : 100%

BIN19

- Power rating : 26 W - 10.5 VDC
- : 29 W - 12 VDC
- : 31 W - 24 VDC
- Max. operating current ... : 2.48 A - 10.5 VDC
- : 2.41 A - 12 VDC
- : 1.29 A - 24 VDC

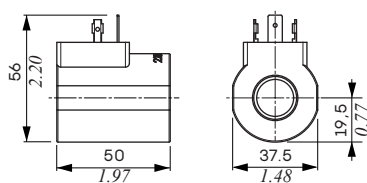
BIN22

- Power rating : 32.6 W - 12 VDC
- : 31 W - 24 VDC
- Max. operating current ... : 2.72 A - 12 VDC
- : 1.29 A - 24 VDC

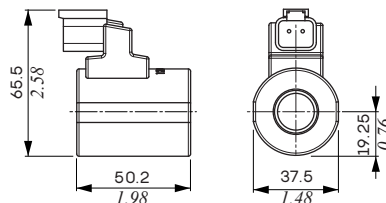
Dimensional data and features

BC type

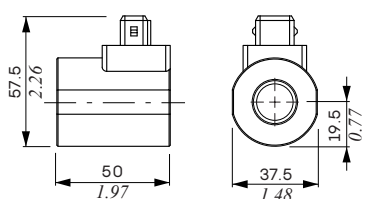
ISO4400 connector



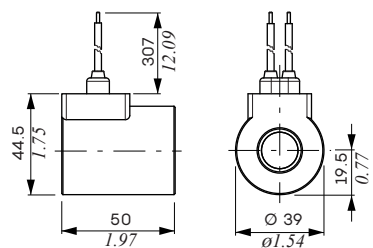
DEUTSCH DT04 connector



AMP JPT connector



Flying leads

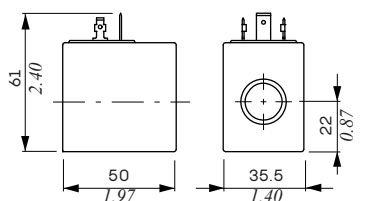


Features

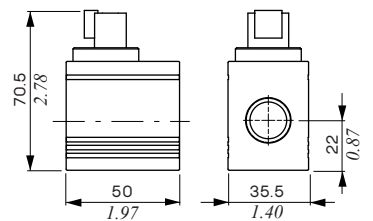
Nominal voltage tolerance	: ±10%
Power rating	: 26.9 W - 10.5 VDC
	: 26 W - 12 VDC
	: 26 W - 24 VDC
	: 24 W - 26 VDC
	: 26 W - 24/48/110/220 RAC
Max. operating current	: 2.6 A - 10.5 VDC
	: 2.19 A - 12 VDC
	: 1.08 A - 24 VDC
	: 0.92 A - 26 VDC
	: 1.2 A - 24 RAC
	: 0.6 A - 48 RAC
	: 0.3 A - 110 RAC
	: 0.15 A - 220 RAC
Coil insulation	: Class H (180°C - 356°F)
Weather protection	: IP65 - ISO4400
	: IP65 - AMP JPT
	: IP69K - Deutsch DT
Insertion	: 100%

BQ16 type

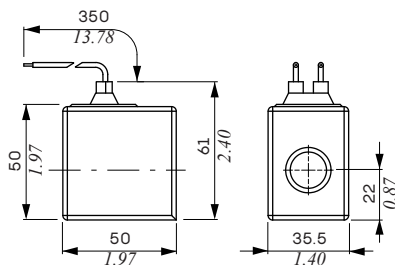
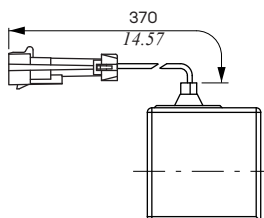
ISO4400 connector



DEUTSCH DT04 connector



Flying leads

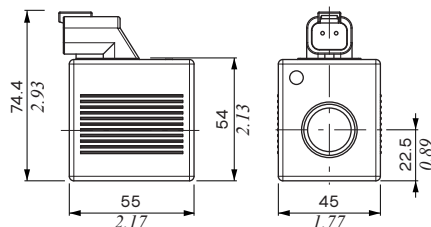
Flying leads with
PACKARD METRI-PACK
connector

Features

Nominal voltage tolerance	: ±10%
Power rating	: 30 W - 12/24 VDC
Max. operating current	: 2.5 A - 12 VDC
	: 1.25 A - 24 VDC
Coil insulation	: Class H (180°C - 356°F)
Weather protection	: IP65 - ISO4400
	: IP69K - Deutsch DT
	: IP67 - Metri-pack
Insertion	: 100%

BQP19 type

DEUTSCH DT04 connector

[illegible]

AMP JPT connector

