

■ PERFORMANCE DATA

Duty cycle	100% at 110% of rated voltage
Magnet wire insulation	U.L. class N, 200°C [392°F] NEMA pub. No. MW 1000, section MW 35 – C [single]
Ambient temperature	100°C [212°F] continuous @ rated voltage
Input Voltage Range	85% to 110% of rated voltage
UL Rated (certificate available upon request)	

■ ENVIRONMENT PROTECTION

Rating	Connector Type
IP65	G0*
IP67	Y0, W0
IP69K	N0, D0, J0
Thermal shock dunk	W0, N0, D0, J0

*Passed environmental testing, but not as robust as other connectors

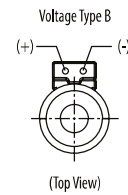
*Rating dependent on mating connector

■ ELECTRICAL SPECIFICATIONS

Voltage	12 DC	24 DC	115 AC	230 AC
Current (A)	1.92	0.96	0.22	0.11
Power (W)	23	23	23	23

*Nominal voltage 25°C (77°F).

Diode Information



Flyback diode
(arc suppressor),
maximum recurrent
peak reverse voltage
- 800V

■ MODEL CODE

MCSC - P - 012 - D - N0 - 0 - 00 - 10

Coil Series

P - Size 8 [350 Bar]

Coil Voltage

Code	Coil Voltage
012	12 VDC
024	24 VDC
115	115 VAC
230	230 VAC

Voltage Type

D - DC
B - DC/with flyback diode
A - AC/with full bridge rectifier

Lead Length

0 - None
A - 152mm [6.0 in]
(Standard length with connector)
B - 610mm [24.0 in]
(Standard length with connector)

Connector Type

G0 - ISO 4400 DIN 43650
Q0 - Spade terminals
W0 - Flying lead
N0 - Deutsch (DC only)
Y0 - Amp JR (DC only)
D0 - Metripack 150 male (DC only)
J0 - Metripack 280 male (DC only)

■ PART NUMBERS (300AA00 _____ - COMPLETE PART NUMBER IS 11 DIGITS)

Voltage	G0** Connector	Q0 Connector	W0 Connector	N0 Connector	Y0 Connector	D0 Connector	J0 Connector
12VDC	041A	049A	055A	061A	066A	071A	076A
24VDC	042A	050A	056A	062A	067A	072A	077A
115VAC	045A						
230VAC	046A						
12VDC*	047A	053A	059A	064A	069A	074A	079A
24VDC*	048A	054A	060A	065A	070A	075A	080A

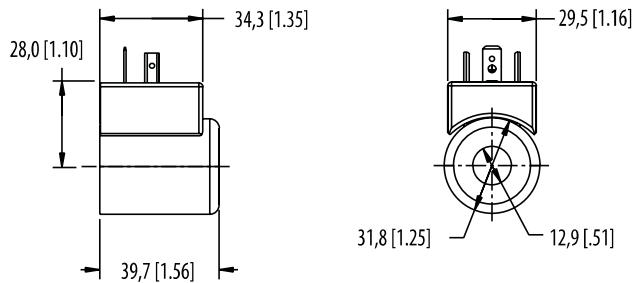
*With flyback diode. (Voltage Type B)

**DIN 43560 mating connector for "G0" style coil – 02-166796 or AXP14116.

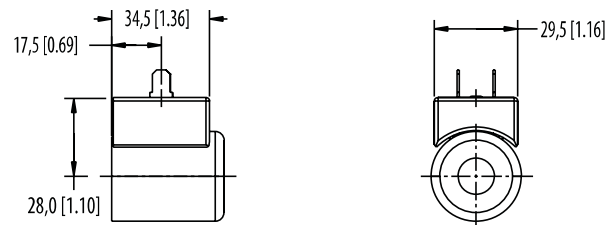
■ DIMENSIONS

mm [in]

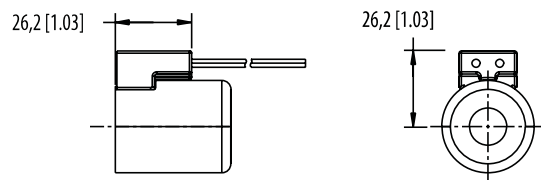
G0
DIN 43650



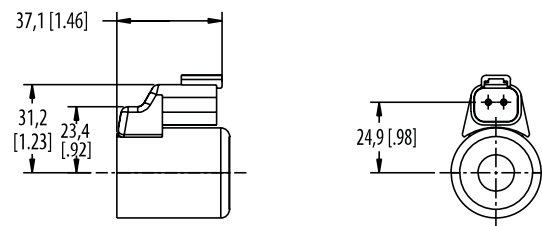
Q0
Spade connector



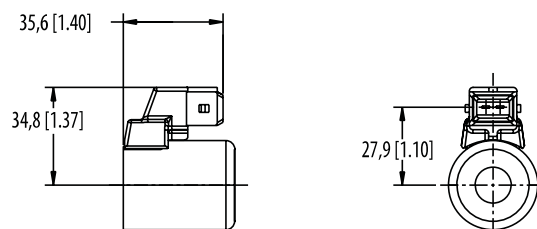
W0
Leadwire



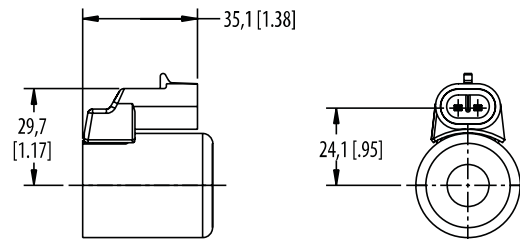
N0
Deutsch Male DT04-2P



Y0
AMP Junior



D0
Metri-Pack 150 Male



J0
Metri-Pack 280 Male

