

Coils and Electronics

M16

26W Standard Coil

■ PERFORMANCE DATA

Duty cycle	100% at 115% of rated voltage at 40°C [104°F]
Magnet wire insulation	200°C [392°F]
Ambient temperature range	-20 to 40 °C [-4 to 104 °F]
Input voltage range	85% to 115% of rated voltage
Temperature rise at 115% of rated voltage	130°C [266°F] above ambient
Weight	0.24 kg [0.53 lb]

■ ENVIRONMENT PROTECTION

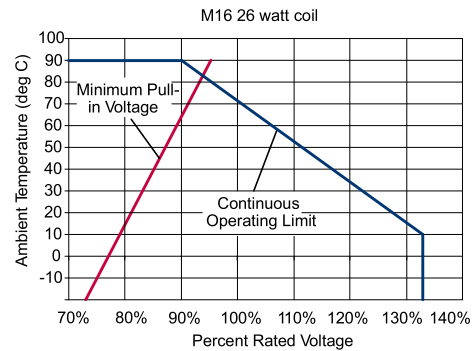
Rating	Connector Type
IP65	FL, FLD, and DN
IP67	AJ, AJD, AS, and ASD
IP69K	DE and DED

■ ELECTRICAL SPECIFICATIONS

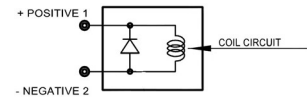
Voltage	10 VDC	12 VDC	20 VDC	24 VDC	110VAC*	220 VAC*
Resistance (Ohms) @ 20 °C [68 °F]	4	5.6	15	22	420	1600
Current draw (A) @ 20 °C [68 °F]	2.5	2.14	1.33	1.1	0.27	0.12
Power (W)	26	26	26	26	22	20

*External rectifier required

■ PERFORMANCE CURVES



Diode Information



Built-in, uni-directional polarity diode
(Model # 1N5406)

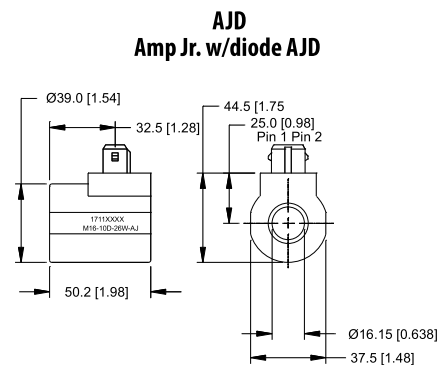
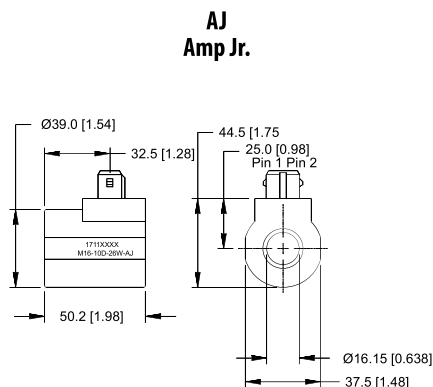
■ MODEL CODE

M16 - 10D - 26W - AJ

Coil Voltage		Coil Power	Connector Type	
Code	Coil Voltage		Code	Connector Type
10D	10VDC	26	AJ	Amp Junior
12D	12 VDC		AJD	Amp Junior with Diode
20D	20 VDC		AS	AMP SuperSeal 1.5
24D	24 VDC		ASD	AMP SuperSeal with Diode
110A	110 VAC*		DE	Deutsch
220A	220 VAC*		DED	Deutsch with Diode
*DIN only - external rectifier needed				
			FL	Flying Leads
			FLD	Flying Leads with Diode
			DN	DIN 43650

■ DIMENSIONS

mm [in]



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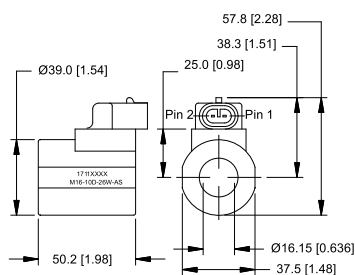
M16

26W Standard Coil

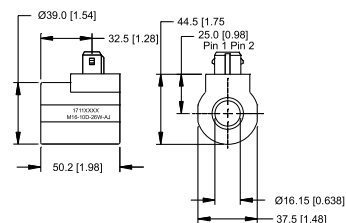
DIMENSIONS

mm [in]

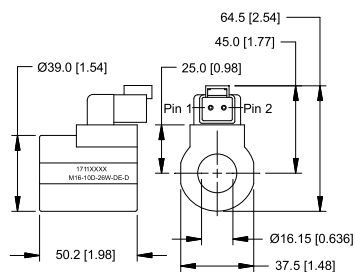
AS
Amp SuperSeal 1.5/MetriPak 150 Type 1



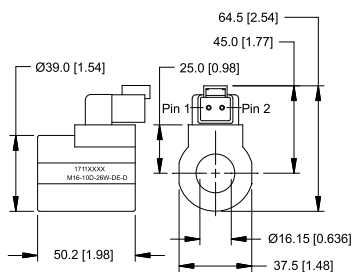
ASD
Amp SuperSeal 1.5/MetriPak 150 Type 1 w/diode



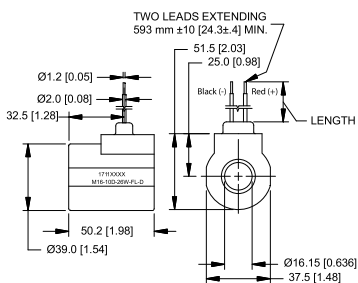
DE
Deutsch



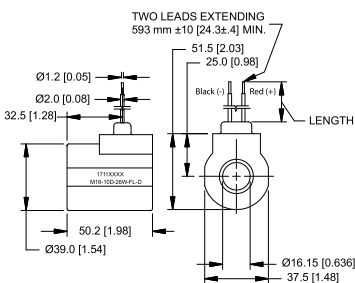
DED
Deutsch w/diode



FL
Lead wires



FLD
Lead wires w/diode



DN
ISO 4400 (DIN 43650)

