

■ PERFORMANCE DATA

Duty cycle	100% at 133% of rated voltage and 70°C [158°F]
Magnet wire insulation	200°C [392°F]
Ambient temperature range	-40 to +70 °C [-40 to 158 °F]
Input voltage range	75% to 133% of rated voltage
Weight	0.34 kg [0.75 lb]

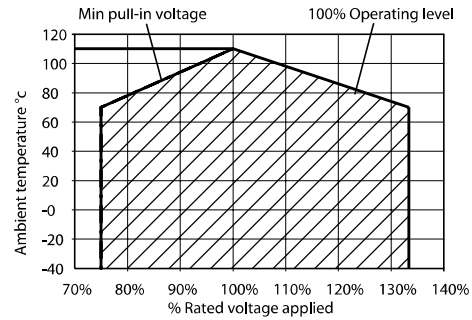
■ ENVIRONMENT PROTECTION

Rating	Connector Type
IP69K	AS, ASDB, DE, DEDB, FL, FLDB

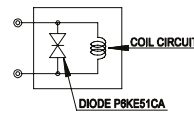
■ ELECTRICAL SPECIFICATIONS

Voltage	10 VDC	12 VDC	20 VDC	24 VDC
Resistance (Ohms) @ 20 °C [68 °F]	4.8	6.9	20	28
Current draw (A) @ 20 °C [68 °F]	2.08	1.74	1.01	0.85
Power (W)	20	20	20	20
Retainer Color	Green	Gray	Blue	Yellow

■ PERFORMANCE CURVES



Diode Information



Bi-directional, transient voltage suppression diodes:
Non polarity dependent, 51 volt nominal breakdown voltage.

■ MODEL CODE

R16 - 10D - 20W - AJ - UL

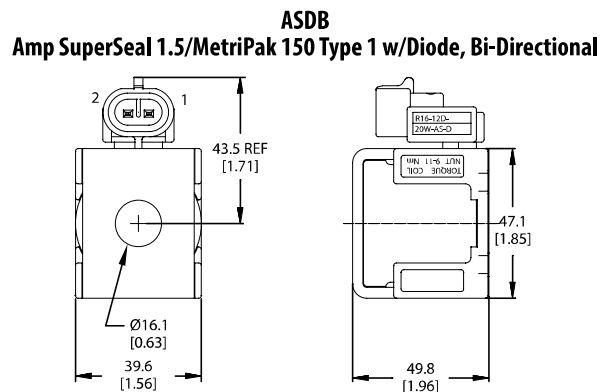
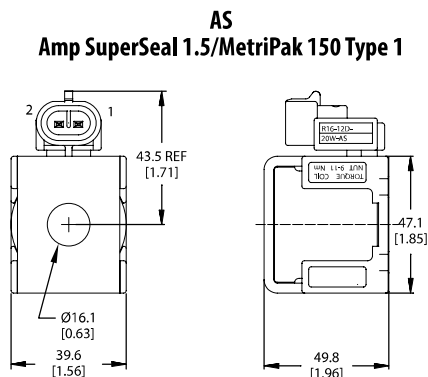
Code	Coil Voltage
10D	10 VDC
12D	12 VDC
20D	20 VDC
24D	24 VDC

Code	Coil Power
AS	Amp SuperSeal 1
ASDB	Amp SuperSeal 1.5 with bi-directional diode
DE	Deutsch
DEDB	Deutsch with Diode
FL	Flying Leads
FLDB	Flying Leads with Diode

UL rating
Omit -Non-UL rated
UL -UL Rated (DE only)
*Certificate available upon request

■ DIMENSIONS

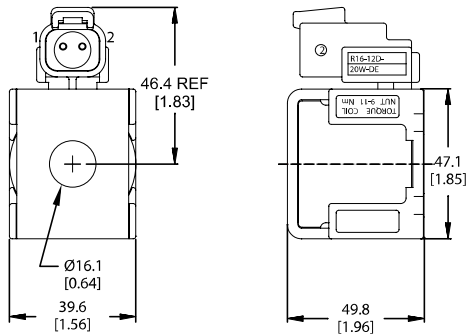
mm [in]



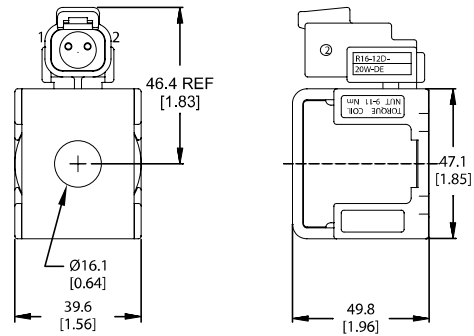
■ DIMENSIONS

mm [in]

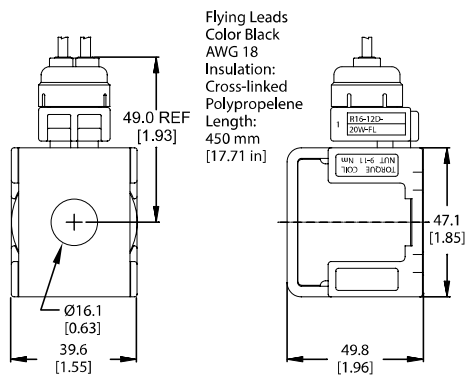
DE
Deutsch



DEDB
Deutsch w/diode Bi-Directional



FL
Lead wires



FLDB
Lead wires w/diode

