

DESCRIPTION

Solenoid valve 2 way normally closed direct acting with dry armature. No metal parts in contact with the media.



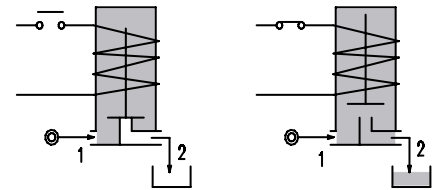
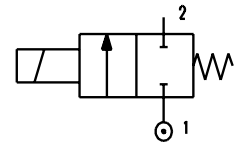
2

CONSTRUCTION

Body	Acetal copolymer
Armature tube	AISI 303
Plunger and core	AISI 430FR
Springs	AISI 302
Seal material	SILICONE

FEATURES

Maximum fluid viscosity 25cSt (mm²/s)
 Ambient temperature: from +14°F to +176°F according to the coil
 Mounting position with vertical coil above



CODE ②	Port type *	Orifice Size		Flow Factor Cv (gpm)	Operating Pressure Differential (M.O.P.D.) ③				Nominal power			Coil		Seal	Temp. range (°F)	
		(in)	(mm)		Min	Max		AC (VA)		DC (W)	Series	Width (mm)				
						(psi)	(bar)	(psi)	(bar)				Inrush			Holding
E161PS8///...	HOSETAIL DN8	0.315	8	1.27	0	2.17	0.15	2.17	0.15	20	15	10	2	30	SILICONE=S	<+200

For use with VACUUM - feeds from 2 to 1

CODE ②	Port type *	Orifice Size		Flow Factor Cv (gpm)	Operating Pressure Differential (M.O.P.D.) ③				Nominal power			Coil		Seal	Temp. range (°F)	
		(in)	(mm)		Min	Max		AC (VA)		DC (W)	Series	Width (mm)				
						(psi)	(bar)	(psi)	(bar)				Inrush			Holding
E161PS8/V/...	HOSETAIL DN8	0.315	8	1.27	0	-13	-0.9	-10	-0.7	20	15	10	2	30	SILICONE=S	<+200

② Coil

Ordination example: E161PS8///U251

Coil 24V DC certified us and marked

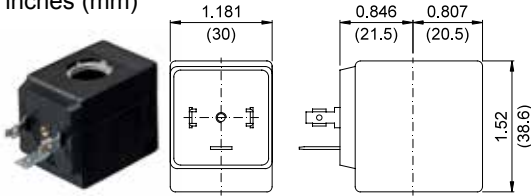
③ Safe Working Pressure: 29 psi. Is the line or system pressure to which the valve may be subjected without being damaged.

COILS Code ②	Alternating Current						Direct Current				Electrical connection	Connectors
	24V		120V		240V		12V		24V			
Series 2 Width 30mm	U25B c	201	U25D c	20D	U25F c	20F	U250 c	200	U251 c	201	DIN 43650A	PG9 code 10349000

DESCRIPTION
 Insulation class F or H
 Voltage tolerance ±10%
 Protection class:
 IP65 with connector attached
 IP00 without connector
 Continuous service ED100%

OVERALL DIMENSIONS

inches (mm)



Series 2 Weight 0.26lb (0.12Kg)

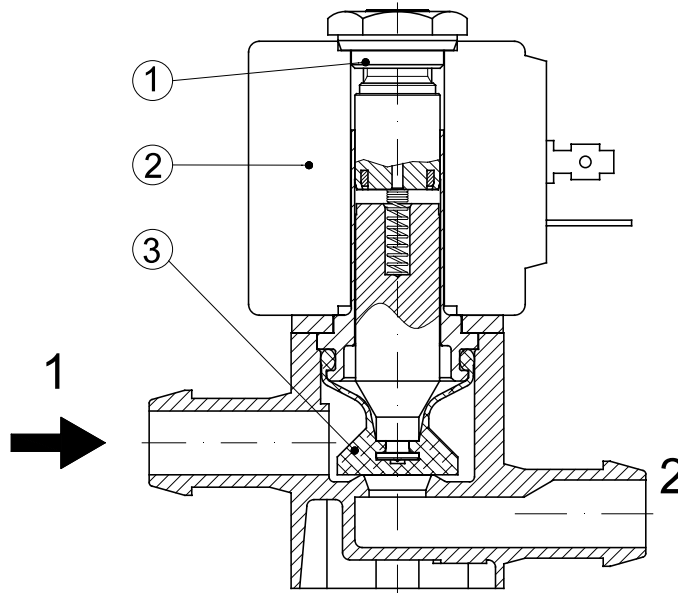
OPTIONS

- Cable attached
- Special coil voltage
- Special coil powers

FOR COIL SPECIFICATION SEE SECTION 6

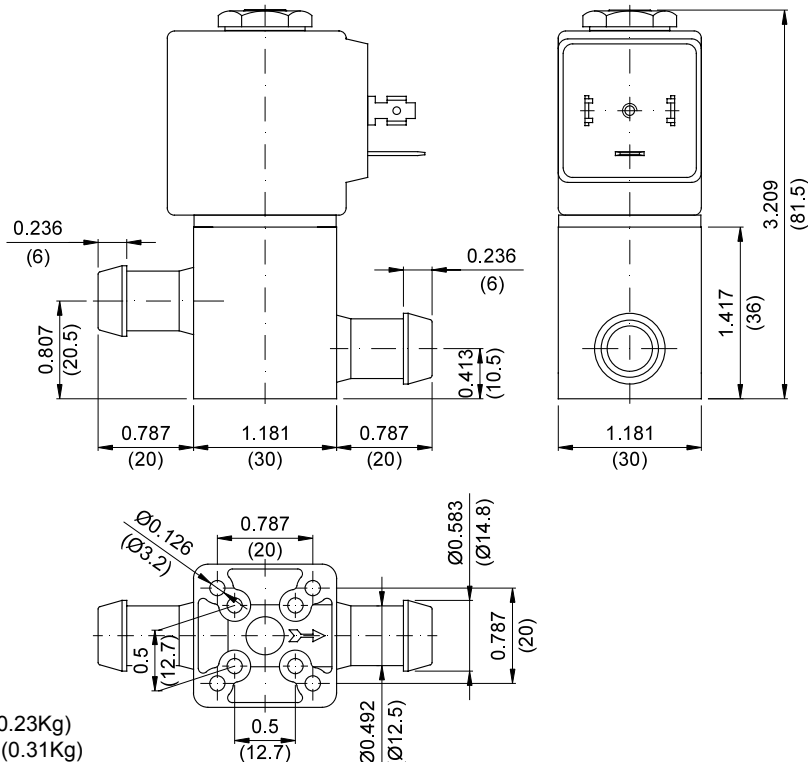
SPARE PARTS LIST

- Coil fixing nut
- Coil
- Diaphragm



OVERALL DIMENSIONS

inches (mm)



Weight with coil series 2=0.5lb (0.23Kg)
 Weight with coil series 5=0.68lb (0.31Kg)