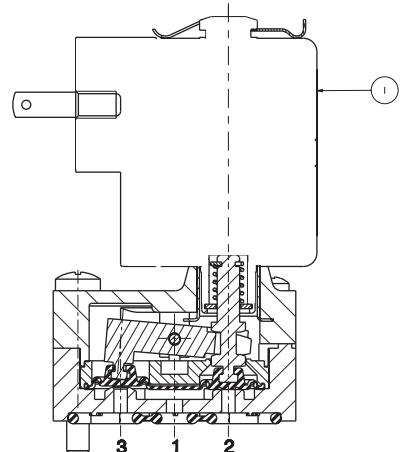
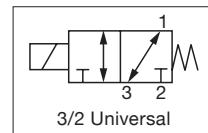


# ASCO™ MINIATURE SOLENOID VALVES

## ROCKER MECHANISM, FLUID ISOLATION VALVES

- Rocker isolation valves are designed for use with neutral or highly aggressive liquids in analytical instrumentation
- Special rocker mechanism, combined with a separating diaphragm, prevents heat transfer to the fluid and eliminates the sticking effect of the valve seat
- Hermetic separation of control mechanism prevents particulate contamination caused by friction of moving parts, assuring maximum purity of liquid samples
- Excellent self-draining capability and easy-to-flush low-volume internal cavity make these valves ideal in application where cross-contamination must be minimized
- Removable and rotatable electrical coils allow for easy installation and worry-free maintenance
- Meets all relevant CE directives
- Typical applications include:
  - In-vitro Diagnostics
  - Hematology
  - DNA Sequencing
  - Surgical Fluid Management



Fluids*	Temperature Range	Seal Materials*
liquids or gases	10°C to +80°C (14°F to 176°F)	FFKM (perfluoroelastomer) or EPDM (ethylene-propylene)

\* Ensure that the compatibility of the materials in contact with the fluids is verified

### General Valve Information

	PEEK Body	PA Body
Body	PEEK	PA (polyamide 12)
Differential pressure	See «Specifications» [1 bar = 100 kPa] 0.7 bar abs. (vacuum on polyamide body only)	
Maximum viscosity	37 cSt (mm <sup>2</sup> /s)	
Response time	20 ms	
Internal volume	< 67 µl	

### Electrical Characteristics

Coil insulation class	F
Coil	Detachable and rotatable. Two spade terminals 2.8 x 0.5 mm (DIN 46340) (or detachable size 15 connector)
Electrical enclosure protection	Moulded IP 65 spade terminals Moulded IP 66 Solenoid lead wires (EN 60529)
Standard voltages *	12 VDC, 24 VDC

\* Other voltages on request.

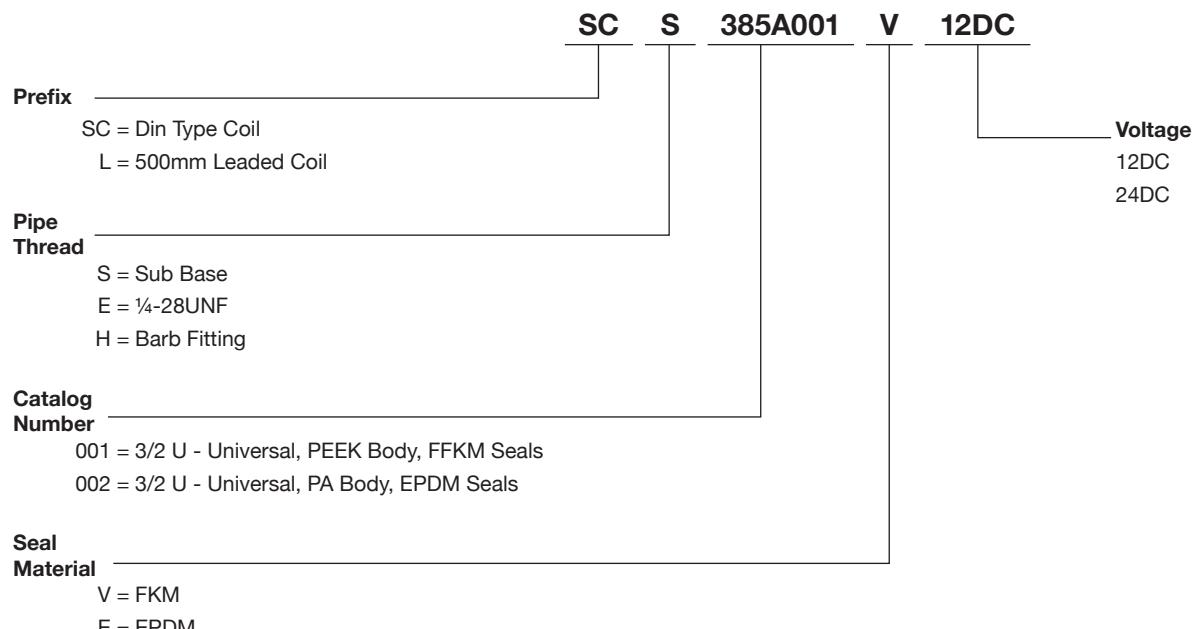
Prefix option	Power ratings				Ambient temperature range	Replacement coil		Type (1)
	Inrush	Holding		Hot/Cold		12 VDC	24 VDC	
	VA	VA	W	W		W	W	
SC	-	-	-	4	-10 to 60 (14 to 140)	43005268	43005269	1
L	-	-	-	4	-10 to 60 (14 to 140)	43005408	43005430	2

(1) Refer to the dimensional drawings on the following page.

## Specifications

Pipe Size	Orifice Size	Flow Coefficient		Operating Pressure bar (psi)			Power Rating (W)		Catalog Number		Seal Materials			
				min.	max. (PS)						FKM	EPDM		
		(mm)	K <sub>v</sub> (m <sup>3</sup> /h)		C <sub>v</sub>	(l/min)	=	=	~	=	PEEK Body	PA Body		
Pad mount											SCS385A001			
1/4" - 28 UNF thread	1.5	0.03	0.034	0.5	0		2.4 (34.8)	2.4 (34.8)	-	4	SCE385A001		V	E
Barbed fitting											SCH385A001			
Pad mount											SCS385A002E			
1/4" - 28 UNF thread	1.5	0.03	0.034	0.5	0		2 (29.0)	2 (29.0)	-	4	SCE385A002E		-	-
Barbed fitting											SCH385A002E			

## How To Order



## Options

- Connector size 15, catalogue number 88143581

## Installation

- The solenoid valves can be mounted in any position without affecting operation.
- Can be used for the following functions, depending on how the ports are connected:
- Installation/maintenance instructions are included with each valve.

# ASCO™ MINIATURE SOLENOID VALVES

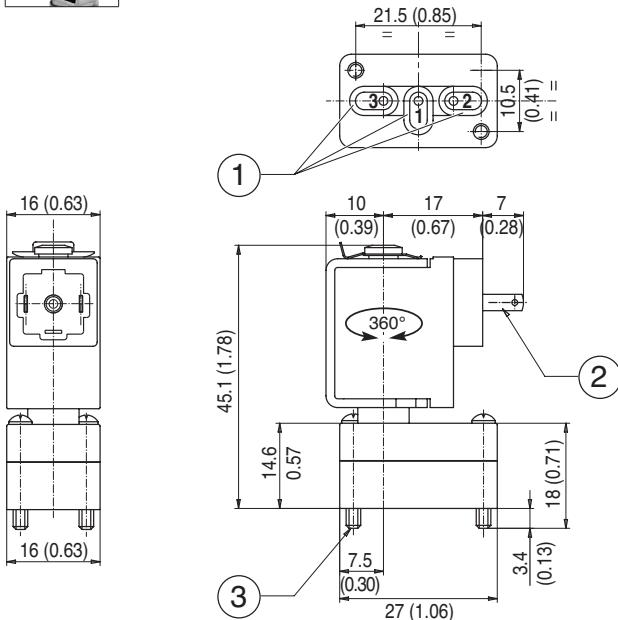
## ROCKER MECHANISM, FLUID ISOLATION VALVES

SERIES  
**385**

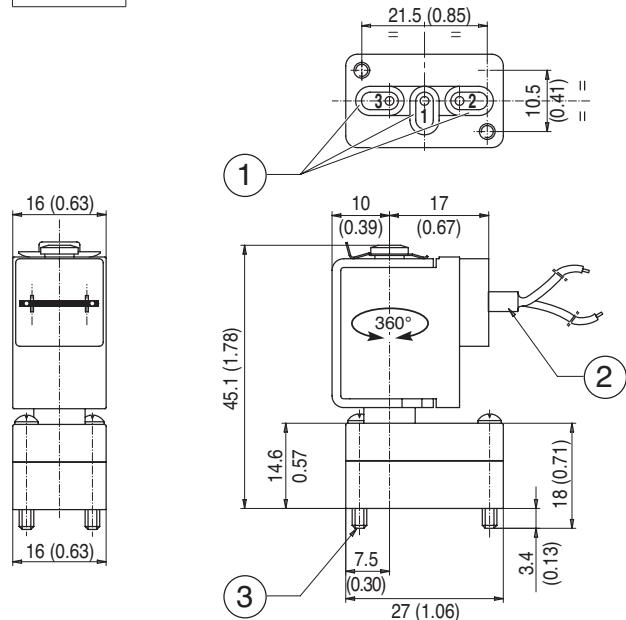
### Dimensions: mm (inches)



**Type 01**  
Solenoid with spade terminals (SC)  
EN 60529  
IP 65



**Type 02**  
Leaded Coil (L)  
24 AWG, lead wires: 500 mm (19.7 in) long  
IP 66



① 1 mounting pad seal.

② Coil with 2 Faston-type terminals 2.8 x 0.5 (DIN 46340).

③ Mounting : 2 screws M2.5 x 18.

Type	Prefix option	Weight (1) kg
01	SC	0.04

(1) Including coil, without connector.

① 1 mounting pad seal.

② Coil with 24 AWG, lead wires: 500mm (19.7in) long

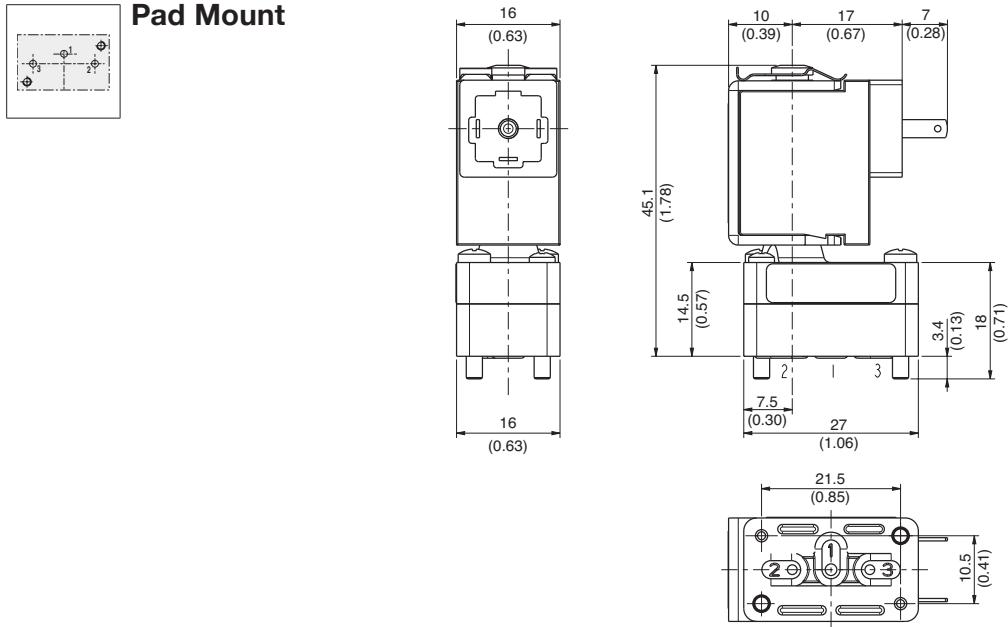
③ Mounting : 2 screws M2.5 x 18.

Type	Prefix option	Weight (1) kg
02	L	0.04

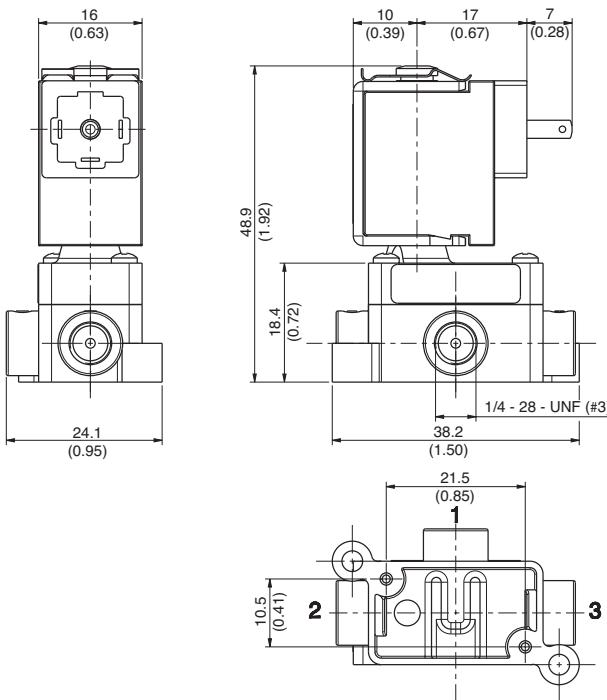
(1) Including coil, without connector.

**Dimensions: mm (inches)**

**Pad Mount**



**1/4" - 28 UNF thread**



**Barbed Fitting**

