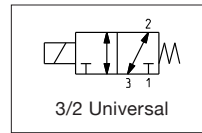


- Rocker isolation valves are designed for use with neutral or highly aggressive liquids in analytical instrumentation
- Special rocker mechanism, combined with a separating diaphragm, prevents heat transfer to the fluid and eliminates the sticking effect of the valve seat
- Hermetic separation of control 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) EPDM (ethylene-propylene)

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

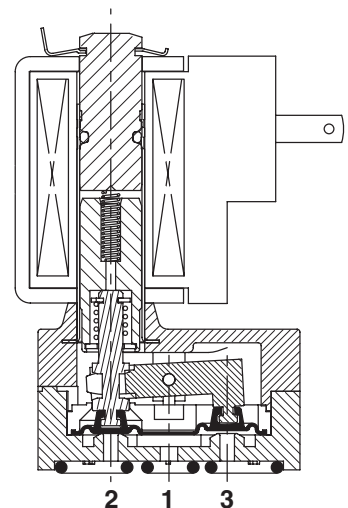
General Valve Information		
	PEEK Body	PA Body
Body	PEEK	PA (polyamide 12)
Mounting Pad	PEEK	PA
Diaphragm and Discs	FFKM	EPDM
Mounting Pad Seal	FFKM	EPDM
Response Time	< 20ms	< 20ms
Internal Volume	67µl	67µl
Max. Viscosity	37 cSt (mm ² /s)	37 cSt (mm ² /s)

Electrical Characteristics	
Coil Insulation Class	F
Coil	Two spade terminals 2.8 x 0.5mm (0.11 x 0.02in) [DIN 46340] [or detachable size 15 connector]
Electrical Enclosure Protection	IP40 (EN 60529)
Standard Voltages ¹	12 VDC, 24 VDC

¹ Other voltages on request

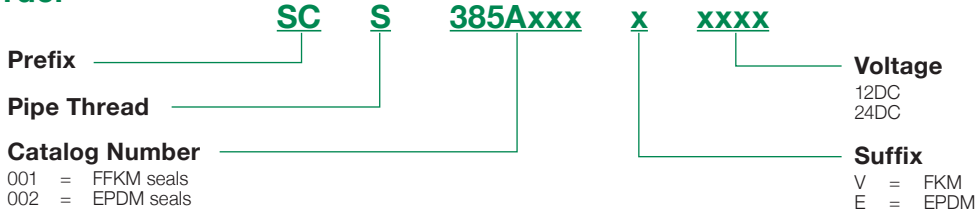
Prefix Option	Power Ratings				Ambient Temperature Range	Replacement Coil		Type ¹ (DNX-4)
	Inrush	Holding	Hot/Cold			12 VDC	24 VDC	
			VA	VA				
SC	-	-	-	4	-10 to 60 (14 to 140)	43005268	43005269	01

¹ Refer to the dimensional drawings on the following page



Specifications											
Connection	Orifice Size	Flow Coefficient		Pressure Differential bar (psi)				Power Coil	Catalog Number	Options	
		Kv (m3/h)	Cv	min.	max.		W			FKM	EPDM
					gases	liquids					
3/2 U - Universal, PEEK Body, FFKM Seals											
Pad Mount	1.5 (0.06)	0.03	0.035	0	2.4 (34.8)	2.4 (34.8)	-	4	SCS385A001	V	E
3/2 U - Universal, PA Body, EPDM Seals											
Pad Mount	1.5 (0.06)	0.03	0.035	0	2 (29)	2 (29)	-	4	SCS385A002E	-	-

How to Order



Dimensions: mm (inches)

Dimensional Drawings

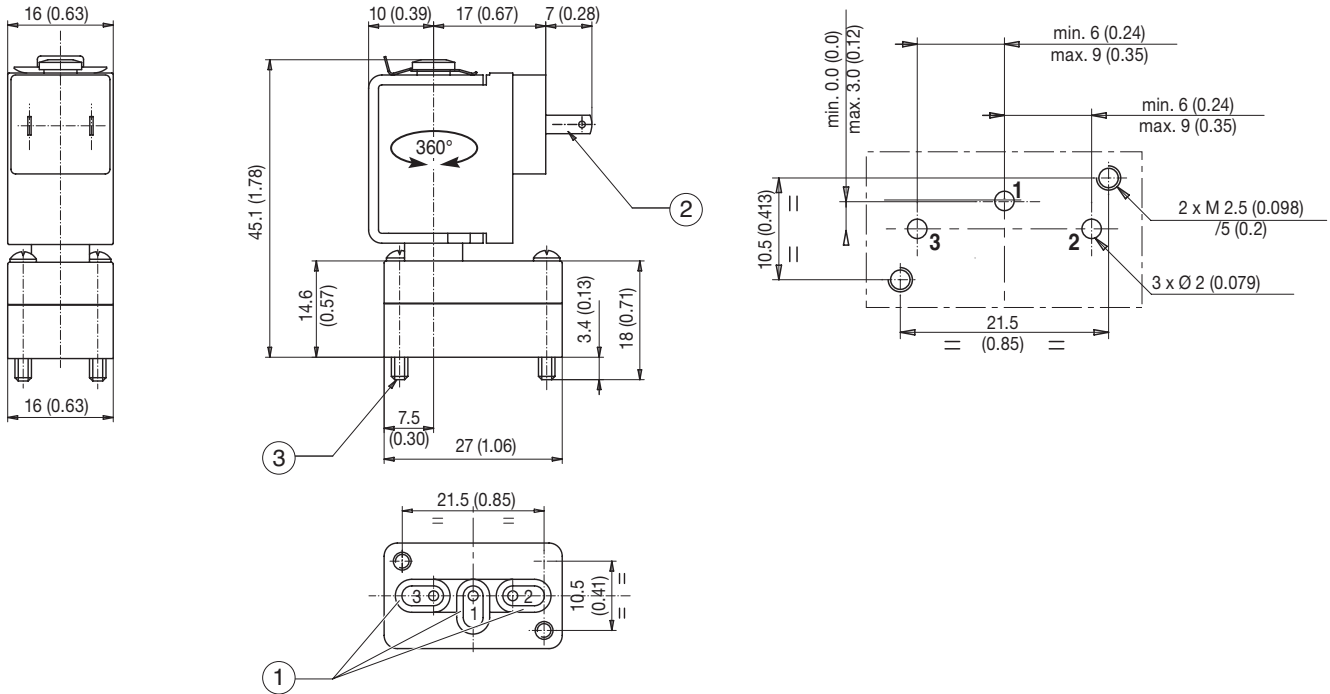
Type 01

Prefix "SC" solenoid
ISO 43340



SCS385A001/A002E

Mounting Pad



Type	Prefix Option	Weight ¹
		kg
01	SC	0.04

¹ Including coil, without connector

- 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

Options

- Valves can also be supplied with FKM (fluoroelastomer) and EPDM (ethylene-propylene) seals and diaphragm. Use the appropriate optional suffix letter for identification
- Leaded coil
- Power-save version
- Connector size 15, catalog 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:

