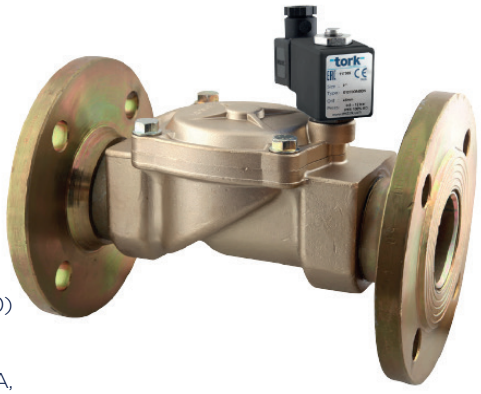
SX1013-F SERIES NORMALLY CLOSED FLANGED 2/2 WAY PILOT OPERATED SOLENOID VALVES

GENERAL FEATURES
- Wide pressure range, flow rate and orifis options.
- Solenoid valfs are used with filters.
- Solenoid valves can be mounted in any position without affecting its operation.
- Coil to be used in a vertical position.



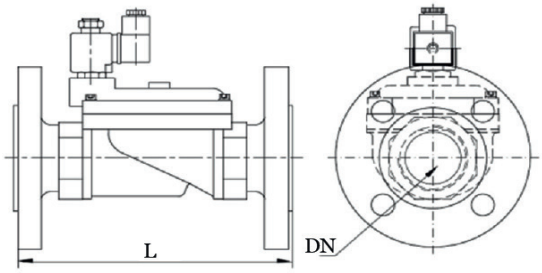
NORMALLY CLOSED
2/2 WAY
PILOT OPERATED
ΔP=0.5

EXPLOSIVE ATMOSPHERE
ATEX
HIGH PRESSURE
WATER and LIQUID

ELECTRICAL CHARACTERISTICS
Continuous Duty : ED %100
Coil Insulation Class : H (180°C)(IEC 85) B
Coil Impregnation : Polyester Fiber Glass
Coil Outer Body Material : Fiber Glass Reinforced
Ambient Temperature : -20°C, +60°C
Protection Degree : IP68
Electric Plug Connection : DIN 46340 3- Poles Connectors (DIN43650) Terminal (Cable Ø6-8 mm)
Electrical Safety : IEC 335
Standard Voltages : AC 12V 15VA, 24V 15VA, 48V 15VA, 110V 15VA, 230V 15VA, 230V 24VA, DC 12V 18W, 24V 18W, 48V 18W, 110V 18W, For DC 12V, 24V, 48V, 110 V
On request other voltages
Voltages Tolerance : AC -15%, +10% DC -5%, +10%
Frequency : 50 Hz, other frequencies on request; (60 Hz)
On request; connector with LED
Specify coi l voltage with order.

Dimensions (mm)	
DN	L
25	135

MATERIALS IN CONTACT WITH FLUID
Body : Brass
Internal Parts : Brass, stainless Steel
Sealing : NBR, on request EPDM, VITON and TEFLON



TECHNICAL FEATURES
Max. Viscosity : 5°E (~37cST or mm²/s)
Response Time : Opening time : 400 ms- 1600 ms
Closing Time : 1000 ms- 2000 ms
Maximum Allowable Pressure : 40 bar

Fluid Temperature:
NBR : -20°C...+80°C
EPDM : -30°C...+140°C
VİTON : -20°C...+160°C

Coils	Nominal Values	Cold/ Hot	Inrush	Holding	Current (A)	Surface Temperature (°C)
C40012VDC18W	12VDC 18W	COLD	19,56	19,56	1,63	20
		HOT	14,52	14,52	1,21	106
C40024VDC18W	24VDC 18W	COLD	20,88	20,88	0,87	25
		HOT	14,64	14,64	0,61	116
C40110VDC18W	110VDC 18W	COLD	19,96	19,96	0,18	23
		HOT	13,56	13,56	0,12	115
C40012VAC15VA	12VAC 15VA	COLD	23,81	16,43	1,3	25
		HOT	-	15,86	1,262	79
C40024VAC15VA	24VAC 15VA	COLD	25,82	15,02	0,62	22
		HOT	-	13,91	0,57	81
C40110VAC15VA	110VAC 15VA	COLD	30,65	15,17	0,137	24
		HOT	-	13,96	0,126	80
C40230VAC15VA	230VAC 15VA	COLD	31,4	15,64	0,068	25
		HOT	-	14,41	0,063	80
C40230VAC24VA	230VAC 24VA	COLD	45,1	23,92	0,0154	23
		HOT	-	21,62	0,0154	100

STANDARDS
- Standard tube connection G (BSP) (ISO 228-1) and other tube connections (NPT (ANSI 1.20.3)) are available on request.
- TORK solenoid valves 97/23/EC, are available for pressure equipment directive (PED) and 2006/95/ECC low voltage directive (LVD).

Not: Please look catalogues for more details.

Solenoid Vave Symbol	Valve Type/ Order No	Connection Size	Orifice Size	Pressure min/max		Kv	Seal			Weight
								Opsiyon		
	SX1013-F	DN	mm	Bar	Bar	l/min	NBR	Viton	EPDM	kg
	SX1013.05.170-F	25	17	0.5	40	90	✓	✓	✓	4.5

TSX1013F-EN261014