



FLOW SWITCHES 645

MAGNETIC ACTUATOR TYPE SERIES

FEATURES

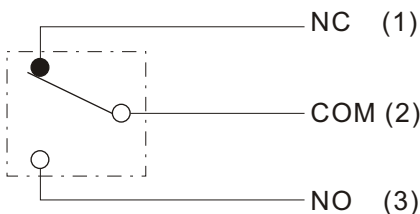
- SAFE AND RIGID CONSTRUCTION
- DSET POINT CAN BE CHANGE AT FIELD SITE
- DETECTING ACCURACY 5%F.S.
- ADJUSTABLE SET POINT FROM 0~100%
- HIGH RELIABILITY & REPEATABILITY

SPECIFICATIONS

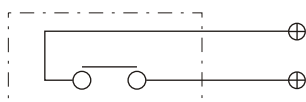
CONTACT ELEMENT : Reed switch
 CONTACT FORM : SPST or SPDT
 CONTACT RATING: 10w or special specified
 SET POINT: 1 point (High or Low alarm)
 SET RANGE: 0~100% changeable at field site
 ACCURACY : 5%F.S.
 REPEATABILITY : 1% FS
 OPERATING TEMP : 80°C max. (Standard)
 300°C max. (Optional)
 OPERATING PRESSURE : 1.0MPa (Standard)
 □ 1.0MPa (Optional)
 CABLE CONDUIT : 1/2"NPT (F)
 TERMINAL BLOCK: Barrier type with screws
 HOUSING MATERIAL : Aluminum alloy with
 epoxy painted
 PROTECTION GRADE: Exd IIB T4, IP67
 AMBIENT TEMPERATURE : 225~170°C

WIRING CONNECTIONS

■ SPDT

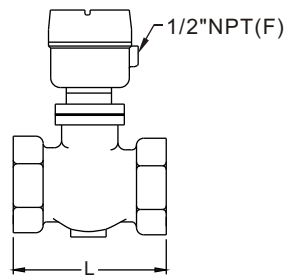


? SPST

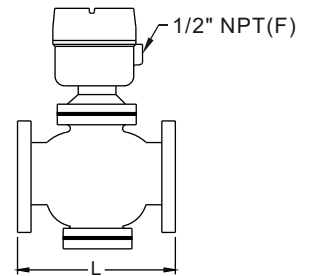


DIMENSIONS

■ 645A

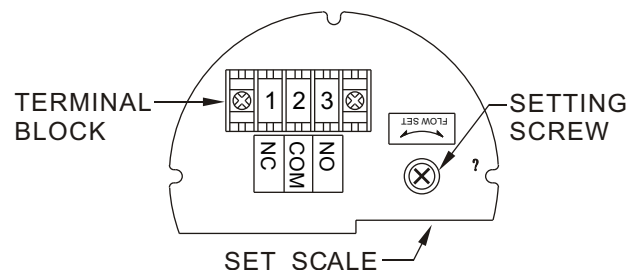


■ 645B



SIZE	"L" LENGTH		MAX. FLOW WATER 20°C	
	645A	645B		
1/2" (15A)	90	160	30 L / min	
3/4" (20A)	90	160	40 L / min	
1" (25A)	90	115	160	60 L / min
1-1/2" (40)	115	(185) 180	8 M ³ / H	
2" (50A)		(205) 200	15 M ³ / H	
2-1/2" (65A)		(250) 245	25 M ³ / H	
3" (80A)		(270) 265	40 M ³ / H	
4" (100)		(290) 285	70 M ³ / H	
5" (125A)		(355) 350	110 M ³ / H	
6" (150A)		(365) 360	150 M ³ / H	

DETECTING ADJUSTER



MODEL SELECTIONS

ITEMS	CODE	SPECIFICATIONS	
① MODEL	645A	Thread connection	
	645B	Flange connection	
	645C	OEM Versions	
② FLOW DIRECTION	0	Left Right	
	1	Right Left	
	2	Special specified	
③ CONNECTION	0	NPT (F) for 645A	ANSI 150 ^{lb} for 645B
	1	PT (F) for 645A	JIS 10K for 645B
	2	Special specified	
④ MATERIAL OF BODY	0	CF8 (304S.S.)	
	1	CF8M (316S.S.)	
	2	To be special specified	
⑤ CONTACT FORM	A	SPST NO	
	B	SPST NC	
	C	SPDT	
	D	To be special specified	
⑥ CONTACT RATING	A	10W , 0.25A 250V DC/AC max.	
	B	To be special specified	
⑦ CABLE CONDUIT	A	1/2"NPT (F)	
	B	To be specified	
⑧ PROTECTION GRADE	A	IP67 (St'd)	
	B	Exd II B T4	
	C	To be specified	
⑨ PIPE SIZE	015	15A (1/2")	
	150	150A (6")	
	XXX	To be specified	

DOERS TECHNOLOGY CORPORATION

4F, NO. 1, LANE 11, TZU-CHIANG STREET, TU-CHENG
INDUSTRIAL PARK, TAIPEI COUNTY, TAIWAN 23678

<http://www.doers.com.tw>

E-mail : doers.tech@msa.hinet.net

TEL : 886-2-22682689

FAX : 886-2-22681248



The specifications are subject to change without prior notice.