

NO.	DATE	REVISION	DESIGNED	CHECKED	APPROVED
0	220221	RELEASED	SHYEOM	-	DKMIN
1					

PART LIST

7	FEEDBACK LEVER (LINEAR-N)	STS304	1
6	FEEDBACK LEVER (ROTARY NAMUR)	STS304	1
5	FEEDBACK LEVER (ROTARY)	STS304	1
4	FEEDBACK LEVER (LINEAR)	STS304	1
3	PRESSURE GAUGE	STS304	1 or 2
2	BODY BASE	ALDC12	1
1	COVER BASE	ALDC12	1
NO.	PART NAME	MATERIAL	Q'TY

SPECIFICATIONS

Acting Type	Single or Double
Fail Option	Fail Freeze or Fail safe
Input Signal	4 ~ 20mA
Impedance	500 at 20mA DC
Working fluid	Compressed air
Air Supply Min. Filtering Size	5 Micron
Max. working pressure	0.7 MPa
Min. working pressure	0.14 MPa
Air Consumption (sup=0.14MPa)	≤0.05LPM
Flow Capacity (sup=0.14MPa)	≥75LPM
Operating Temp.	-25°C ~ 80°C
LCD Operating	-30°C ~ 85°C
Explosion Proof	Non-Explosion
Enclosure	IP66
Air Connection	PT1/4 or NPT1/4
Gauge Connection	PT1/8 or NPT1/8
Conduit entry	G(PF)1/2 or NPT1/2 or M20
Pressure Gauge	Ø42, Max. 0.8MPa
Stroke	Linear 10 ~ 150mm Rotary 0 ~ 90°
Linearity	±0.5% F.S.
Hysteresis	±0.5% F.S.
Sensitivity	±0.2% F.S.
Repeatability	±0.3% F.S.
Housing Material	Aluminum die-cast
Painting	Polyester powder coating
Weight	1.6kg

Unit : mm

Lever Type	Stroke	L1	L2
1	10 ~ 80	8.66	64.95
2	70 ~ 150	60.62	77.94
3	10 ~ 30	8	27
4	10 ~ 70	8	67

SURFACE TEXTURE		WEIGHT	g	PROJECT	-	
FINISH		SHEET No.	1 / 1	PRODUCT NAME	SMART POSITIONER	
MATERIAL		UNIT	mm	MODEL	TS700	
QUANTITY		SCALE	1 / 3	TITLE	TS700	REV.
OTHERWISE NOTE		PROJECTION	3RD ANGLE	DWG. NO.	TS700 AA 01 A1	0
GENERAL DIM		DWG SIZE	A3			

