

NO.	DATE	REVISION	DESIGNED	CHECKED	APPROVED
0	170324	RELEASED	DKMIN	-	DKMIN
1	181029	ADD TEMPERATURE GRADE	DKMIN	-	DKMIN
2	220221	ADAPT TO REALITY	SHYEOM	-	DKMIN

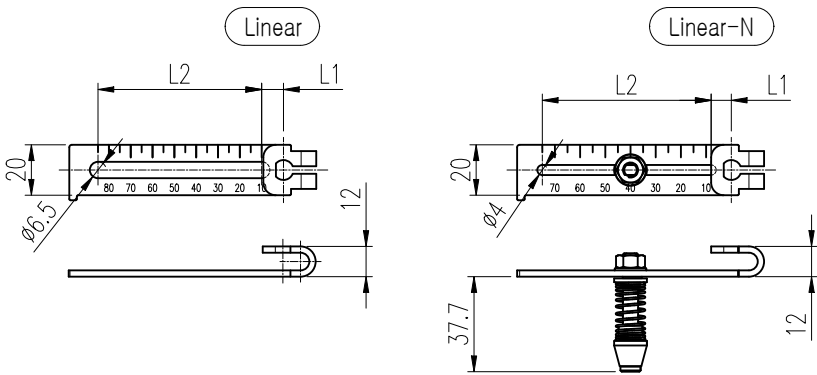
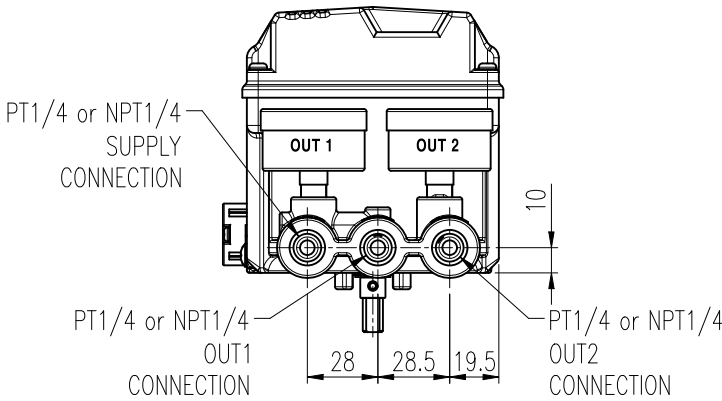
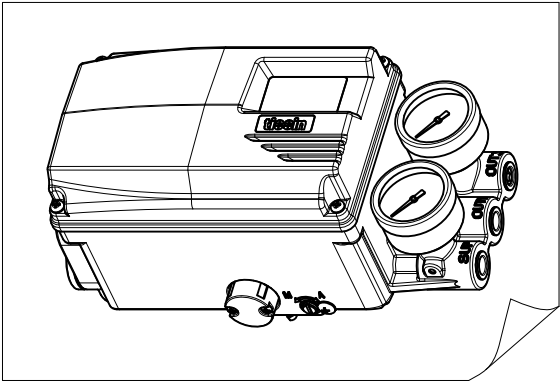
PART LIST

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

SPECIFICATIONS

Acting Type	Single or Double	
Input Signal	4 ~ 20mA	
Impedance	500 at 20mA DC	
Working fluid	Compressed air	
Max. working pressure	0.7 MPa	
Min. working pressure	0.14 MPa	
Air Consumption (sup=0.14MPa)	<2.3 LPM	
Flow Capacity (sup=0.14MPa)	>100LPM	
Operating Temp.	Standard	-30°C ~ 85°C
	Low Temp.	-40°C ~ 85°C
	Ultra Low Temp.	-630°C ~ 85°C
Explosion Proof Temp.	ATEX	-40°C ~ 60°C (T5)
		-40°C ~ 40°C (T6)
	EAC	-60°C ~ 60°C (T5)
LCD Operating	-30°C ~ 85°C	
Explosion Proof	-	Non-Explosion
	ATEX	Ex ia IIC T5/T6 Gb Ex ia IIC T100 C / T85 C Db IP6X
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	
Weight	2.2kg	

SURFACE TEXTURE		WEIGHT	g	PROJECT	-	
FINISH		SHEET No.	1 / 1	PRODUCT NAME	SMART POSITIONER	
MATERIAL		UNIT	mm	MODEL	TS800	
QUANTITY		SCALE	1 / 3	TITLE	TS800	REV.
OTHERWISE NOTE		PROJECTION	3RD ANGLE			
GENERAL DIM		DWG SIZE	A3	DWG. NO.	TS800 AA 01 A1	2



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

