



## Valve Position Transmitter TS500/TS510/TS515 Series

- 2 wire connection type
- LCD displays current output signal
- Easy and simple setting with 2 buttons
- High accuracy and reliability

# Valve Position Transmitter TS500 Series

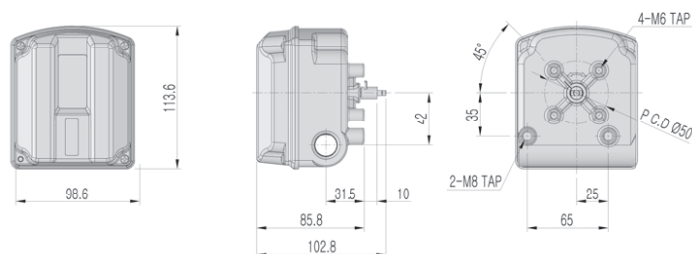
## Description

TS500 Series is 2 wire type transmitter which transmits 4 ~ 20 mA DC signal according to changes in valve or damper position.

## Features



## Dimension [Unit:mm]



- + 2 wire connection type
- + LCD displays current output signal
- + Easy and simple setting with 2 buttons
- + High accuracy and reliability
- + Two or five points smart setup

## Specifications

Model	TS500
Connection type	2 Wire
Supply voltage	9~28V DC
Output signal	4~20mA
Ingress protection	IP67
Conduit entry	2 x NPT1/2, G1/2, M20
Ambient Temp.	-40°C~85°C
Linearity	±1% F.S.
Hysteresis	±0.2% F.S.
Sensitivity	±0.2% F.S.
Material	Aluminum die cast
Painting	Polyester powder coating
Weight	0.6kg

## Product code

Model	TS500				
Motion type	Linear	L			
	Rotary	R			
Conduit entry	NPT1/2		1		
	M20x1.5P		2		
	G1/2		3		
Lever type	Linear (10~70mm)			1	
	Linear (70~150mm)			2	
	Rotary (NAMUR)			5	
Option	None				0
	With Limit switch and Dome cover (Only for rotary type)				3
	With Limit switch and LCD				4



# Valve Position Transmitter TS510/TS515 Series

## Description

TS510 Series is 2 wire type transmitter which transmits 4 ~ 20 mA DC signal according to changes in valve or damper position.

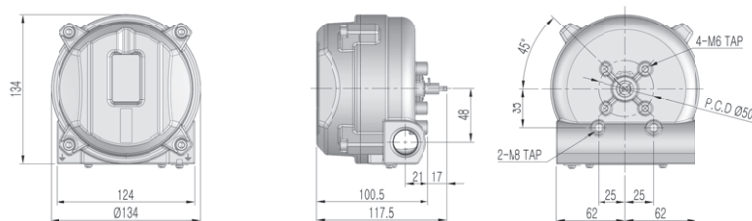
## Features



TS510

TS515

## Dimension [Unit:mm]



- + Flame proof type
- + LCD displays current output signal
- + Easy and simple setting with 2 buttons
- + High accuracy and reliability
- + Two or five points smart setup
- + Limit switch option

## Specifications

Model	TS510	TS515
Connection type	2 Wire	
Supply voltage	9~28V DC	
Output signal	4~20mA DC	
Explosion proof	Ex db IIC T5/T6 Gb Ex tb IIIC T85°C/T100°C Db	
Ingress protection	IP67	
Conduit entry	2 x NPT1/2, NPT3/4, M20, M25	
Ambient Temp.	-40°C~80°C (T5)/-40°C~70°C (T6)	
Linearity	±1% F.S.	
Hysteresis	±0.2% F.S.	
Sensitivity	±0.2% F.S.	
Material	Aluminum die cast	Stainless steel 316
Painting	Polyester powder coating	-
Weight	1.4kg	3.3kg

## Product code

Model	TS510					
Material	Aluminum STS 316	TS510 TS515				
Motion type	Linear Rotary		L R			
Explosion proof type	ATEX&IECEX KCS CCC&NEPSI EAC(TR CU)			A K C E		
Conduit entry*	NPT1/2 M20x1.5P NPT3/4 M25x1.5P				1 2 3 4	
Lever type	Linear (10~70mm) Linear (70~150mm) Rotary (NAMUR)					1 2 5
Option	None With Limit switch and Dome cover (Only for rotary type) With Limit switch and LCD					0 3 4

\* TS515 is only available NPT3/4.



# tissin

Solutions for control valve system

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