



Limit Switch Box TS400/TS410/TS415 Series

- Compact design with high visibility indicator
- Aluminum die casting with polyester powder coating
- With spring loaded cams, easily set limit positions
- NAMUR VDI/VDE 3845

Limit Switch Box TS400 Series

Description

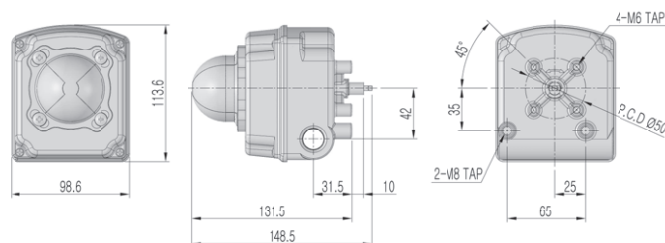
Limit switch box is a device which notifies the central control room or controller when the valve reaches the set position.

Certified



IP₆₇

Dimension [Unit:mm]



Features

- + Compact design with high visibility indicator
- + Aluminum die casting with polyester powder coating
- + With spring loaded cams, easily set limit positions
- + Dual cable entries
- + NAMUR VDI/VDE 3845

Specifications

Model		TS400M	TS400P
Switch type		Mechanical switch 2xSPDT	Inductive proximity sensor
		KW3A-16Z3-A100 (Dongnan)	PSN17-5DNU (Autonics)
Switch rating	AC	16A,125/250V	-
	DC	30V, 10A	10~30V
Ingress protection		IP67	
Conduit entry		2 x NPT1/2, G(PF)1/2, M20	
Ambient Temp.		-20°C~70°C (Standard type)	
Terminal		8 Points	
Material		Aluminum die cast	
Painting		Polyester powder coating	
Weight		0.7kg	

Product code

Model		TS400				
Switch type	Mechanical(2xSPDT)	M				
	Proximity	P				
	Mechanical (2xDPDT)	D				
Conduit entry	NPT1/2		1			
	M20x1.5P		2			
	G1/2		3			
Ambient temperature	-20°C~70°C			S		
	-40°C~70°C			L		
	-60°C~70°C			U		
Bracket type	None					0
	ST-1 (30x80,H20)					1
	ST-2 (30x80,H30)					2
	ST-3 (30x130,H30)					3
	ST-4 (30x130,H50)					4

Limit Switch Box TS410/TS415 Series

tissin

Description

Limit switch box is a device which notifies the central control room or controller when the valve reaches the set position.

Certified



IP₆₇

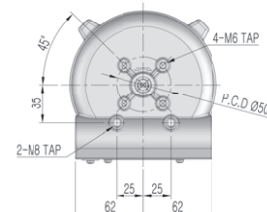
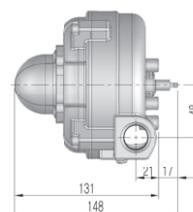
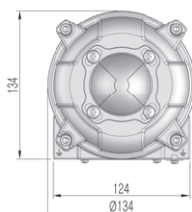


TS410



TS415

Dimension [Unit:mm]



Features

- Flame proof type
- Compact design with high visibility indicator
- Aluminum die casting with polyester power coating
- With spring loaded cams, easily set limit positions
- Dual cable entries
- NAMUR VDI/VDE 3845

Specifications

Model		TS410M	TS415M	TS410P	TS415P
Switch type		Mechanical switch 2xSPDT		Inductive proximity sensor	
		KW3A-16Z3-A100 (Dongnan)		PSN17-5DNU (Autonics)	
Switch rating	AC	16A,125/250V		-	
	DC	30V, 10A		10~30V	
Explosion proof		Ex db IIC T5/T6 Gb Ex tb IIIC T100°C/T85°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)			
Terminal		8 Points			
Painting		Polyester powder coating	-	Polyester powder coating	-
Material		Aluminum die cast	STS 316	Aluminum die cast	STS 316
Weight		1.3kg	3.2kg	1.3kg	3.2kg

* TS415 is only available with NPT3/4.

Product code

Model	TS4								
Option*	None	1							
	With PTM&Dome	3							
	With PTM&LCD	4							
Material	Aluminum	0							
	Stainless steel 316	5							
Switch type	Mechanical(2xSPDT)								
	Proximity								
	Mechanical (2xDPT)								
Explosion proof type	ATEX&IECEX								
	KCS								
	CCC&NEPSI								
	EAC(TR CU)								
	CSA/US (In progress)								
Conduit entry	NPT1/2								
	M20x1.5P								
	NPT3/4								
	M25*1.5P								
Ambient temperature	-20°C~80°C(T5)/70°C(T6)								
	-40°C~80°C(T5)/70°C(T6)								
	-60°C~80°C(T5)/70°C(T6)(For EAC)								
Bracket type	None								
	ST-1 (30x80,H20)								
	ST-2 (30x80,H30)								
	ST-3 (30x130,H30)								
	ST-4 (30x130,H50)								

*Option codes No.3 and 4 are only available with CSA certification.



Solutions for control valve system

Tissin Co.,Ltd. (주)티썬

16-5, Hagunsandan 5-ro da-gil, Yangchon-eup,
Gimpo-si, Korea 10049

Tel : +82-31-997-0311, Fax : +82-31-997-4573

www.tissin.co.kr



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