



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

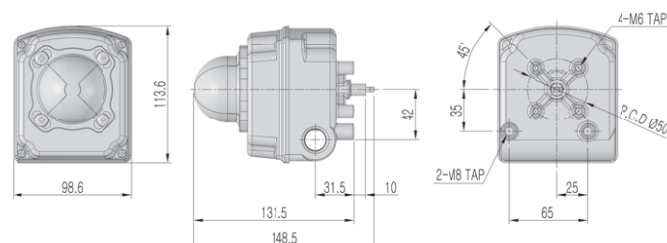
Description

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

Features



Dimension [Unit:mm]



- + 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 (2xDPT)	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

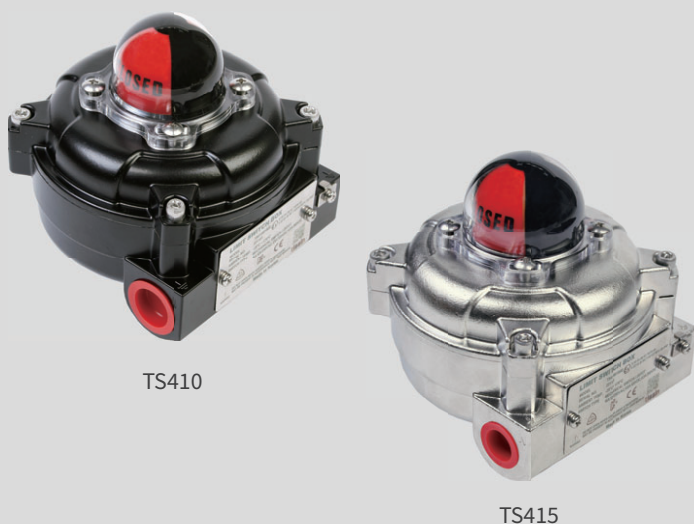
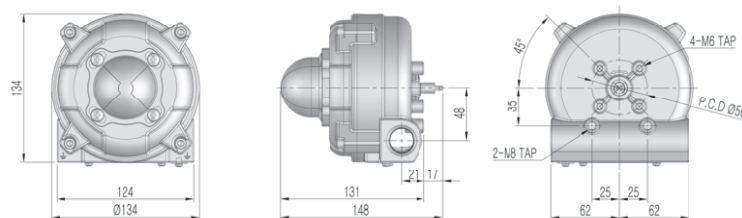
Limit Switch Box TS410/TS415 Series

Description

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

Features

Dimension [Unit:mm]



- 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 T85°C/T100°C Db			
Ingress protection		IP67			
Conduit entry		2 x NPT1/2, NPT3/4, M20, M25			
Ambient Temp.		-40°C~-60°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

Product code

Model	TS410					
Material	Aluminum STS 316	TS410				
		TS415				
Switch type	Mechanical(2xSPDT) Proximity Mechanical (2xDPDT)	M P D				
Explosion proof type	ATEX&IECEX KCS CCC&NEPSI EAC(TR CU)	A K C E				
Conduit entry	NPT1/2 M20x1.5P NPT3/4 M25*1.5P			1 2 3 4		
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)				S L U	
Bracket type	None ST-1 (30x80,H20) ST-2 (30x80,H30) ST-3 (30x130,H30) ST-4 (30x130,H50)					0 1 2 3 4



Solutions for control valve system

tissin

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