

# Limit Switch Boxes YT-870 / YT-875

## Design features

- **Visual position indicator.** 360° viewing angle.
- **Multiple output signals.** Eight contacts of terminal ports.
- **Universal compatibility.** Suitable for any rotary motion actuator <ISO5211>.
- **Easy configuration.** Simple adjustment of cam position.
- **Dual conduit entries.** Separate connections for power and signal cables.

Item Type		YT-870M YT-875M	YT-870P YT-875P	YT-870D YT-875D
Switch Type		Mechanical Switch (2 x SPDT)	Inductive Proximity Sensor	
		S55GL (Omron)	PS17-5DNU (Autonics, NPN type)	NJ2-V3-N (P&F, NC type)
				DZ-10G-1B (Omron)
Switch Rating	AC	250 V 5 A 125 V 5 A	-	-
	DC	250 V 0.2 A, 125 V 0.4 A, 30 V 4 A, 14 V 5 A, 8 V 5 A	12 - 24 V	8.2 V
Ingress Protection		Type 4, 4X, IP 67		
Explosion Protection Type		<b>ATEX, IECEx</b> Ex db IIC T6, Ex tb IIIC T85°C <b>CSA</b> Ex db IIC T6 Class I, Zone 1, AEx db IIC T6 Class II, Division 1, Groups E, F and G, Ex tb IIIC T85°C Zone21, AEx tb IIIC T85°C <b>KCs</b> Ex d IIC T6 <b>CCC</b> Ex d IIC T6 Gb Ex tD A21 IP67 T85°C		
Operating Temp.		-20 to +60 °C (-4 to +140 °F)		
Conduit Entry		YT-870: 3/4 NPT, G 3/4, M20x1.5P, 1/2 NPT YT-875: 3/4 NPT		
Terminal		YT-870D, 875D = 12 Points		
Mounting Bracket		NAMUR VDI / VDE 3845, ISO 5211		
Material and Weight	YT-870	Aluminium Diecasting: 1.5 kg (3.3 lb)		
	YT-875	Stainless Steel 316: 3.5 kg (7.7 lb)		



YT-870

YT-875



## Product Code

YT-870 - M - 1 - 0 - 0 -

### Model

YT-870 = Flameproof Aluminium  
YT-875 = Flameproof Stainless Steel

### Switching Type

M = Mechanical Type (2 x SPDT)  
P = Inductive Proximity Type<sup>1</sup>  
D = Mechanical Type (2 x DPDT)

### Conduit

1 = 3/4 NPT  
2 = G3/4 (YT-870 only)  
3 = M20x1.5P (YT-870 only)  
4 = 1/2 NPT (YT-870 only)

### Bracket Type

0 = None  
1 = ST-1 (30x80,H20)  
2 = ST-2 (30x80,H30)  
3 = ST-3 (30x130,H30)  
4 = ST-4 (30x130,H50)

### Option

0 = None  
1 = SPTM<sup>2</sup>

### Explosion Protection

Blank = N/A for CCC  
Z = CCC

### Notes:

- Standard type is PN17-5DNU (Autonics, NPN type).  
But PSN17-5DPU (Autonics, PNP) and NJ2-V3-N (P&F, NC type) are also available.
- Only M of Switching type is available.

Dimensions: mm (Inches ")

