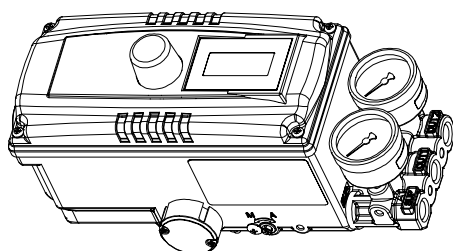




YT-3300 (New NCS type)



YT-3350 (New NCS type)



**YT-3300 + Limit Switch
(Potentiometer type)**



**YT-3303
(Potentiometer type)**



**YT-3301 (MS Connector Type)
(Potentiometer type)**



**YT-3302 (Junction Box Type)
(Potentiometer type)**

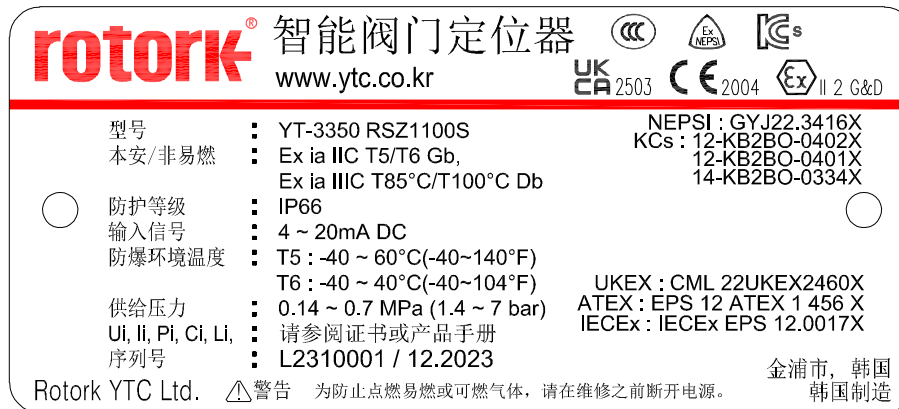


Fig. L-17: YT-3350 Intrinsic safety type (CCC, NEPSI)

2.4 Product Code

2.4.1 YT-3300 / 3350 series follows suffix symbols as follows.

YT-3300 / 3350 1 2 3 4 5 6 7 8

1	Motion Type	L : Linear (Positioner is attached the right yoke of actuator.) R : Rotary
2	Acting type	S : Single D : Double
3	Explosion Proof	¹⁾ N : Non-Explosion i : ATEX, IECEX, KCs, NEPSI, INMETRO ²⁾ , UKEX, , PESO ¹⁰⁾ : Ex ia IIC T5/T6 Gb, Ex iaD IIIC T100°C/T85°C Db, IP66 ¹¹⁾ A : FM, CSA : Class I, Division 1&2 Groups ABCD T5/T6 Class II, Division 1&2 Groups EFG T100°C/T85°C; Class III Class I, Zone 0, AEx ia IIC T5/T6(FM) Ex ia IIC T5/T6 Ga; Ex tb IIIC T100°C/T85°C Db ¹²⁾ AG : FM, CSA + Tapped Exhaust E : Intrinsic safety for EAC Z : Intrinsic safety for CCC, NEPSI

4	Lever Type	Linear	0 : 10 to 40 mm (Standard type) 1 : 20 to 100 mm (Standard type) 2 : 90 to 150 mm (Standard type) 3 : 16 to 30 mm (Adapter type) 4 : 16 to 60 mm (Adapter type) 5 : 16 to 100 mm (Adapter type) 6 : 90 to 150 mm (Adapter type)
		Rotary	1 : M6 x 34L 2 : M6 x 63L 3 : M8 x 34L 4 : M8 x 63L 5 : Namur
5	Conduit - Air Connection Type		1 : G 1/2 – Rc 1/4 2 : G 1/2 – 1/4 NPT (YT-3350 is available for No. 2 ONLY) 3 : G 1/2 – G 1/4 4 : M20x1.5P – 1/4 NPT 5 : 1/2 NPT – 1/4 NPT
6	Communication		0 : None 2 : HART Communication
7	Option		0 : None ⁸⁾ 1 : 4-20 mA Analog Output ⁹⁾ 2 : Limit Switch(Mechanical Type, 2ea) ³⁾ 3 : Limit Switch(Inductive Proximity Type, 2ea) ⁴⁾ 4 : 4-20 mA Analog Output and Limit Switch(Mechanical Type, 2ea) ⁵⁾ 5 : 4-20 mA Analog Output and Limit Switch(Inductive Proximity Type, 2ea) ⁶⁾
8	Operating Temp. (Non-explosion proof) ⁷⁾	S :	-30 to 85 °C (-22 to 185 °F, except EAC)
		L :	-40 to 85 °C (-40 to 185 °F)
		A :	-55 to 85 °C (-67 to 185 °F, only EAC)

¹⁾ In case of EAC non-explosion type, put "EAC" in a purchase order.

²⁾ In case of INMETRO, put "INMETRO" in a purchase order.

^{3) 5)} These options are only available for "S", "L" in 8 operating temp.

^{4) 6)} These options are only available for "S" in 8 operating temp.

⁷⁾ This option is just the normal operating temperature of the product and is not related to explosion proof temperature. See "2.6 Certificates" for explosion proof temperature.

^{8) 9)} NCS type

^{3) 4) 5) 6) 11) 12)} Potentiometer type

¹⁰⁾ PESO applies only to YT-3300.

2.4.2 YT-3303 series follows suffix symbols as follows.

(YT-3303 has only a potentiometer type)

YT-3303 1 2 3 4 5 6 7 8

1 Motion Type	L : Linear (Positioner is attached the left yoke of actuator.) R : Rotary
2 Acting type	S : Single D : Double
3 Explosion Proof	N : Non-Explosion i : ATEX, IECEx, KCs, NEPSI, INMETRO ¹⁾ , UKEX : Ex ia IIC T5/T6 Gb, Ex iaD IIIC T100°C/T85°C Db, IP66 A : FM, CSA : Class I, Division 1&2 Groups ABCD T5/T6 Class II, Division 1&2 Groups EFG T100°C/T85°C; Class III Class I, Zone 0, AEx ia IIC T5/T6(FM) Ex ia IIC T5/T6 Ga; Ex tb IIIC T100°C/T85°C Db AG : FM, CSA + Tapped Exhaust E : Intrinsic safety for EAC Z : Intrinsic safety for CCC, NEPSI
4 Lever Type	<div>Linear</div> <div>1 : 10 to 40 mm 2 : 20 to 70 mm 3 : 50 to 100 mm 4 : 100 to 150 mm</div> <div>Rotary</div> <div>1 : M6 x 34L 2 : M6 x 63L 3 : M8 x 34L 4 : M8 x 63L 5 : Namur</div>
5 Conduit – Air Connection Type	1 : G 1/2 – Rc 1/4 2 : G 1/2 – 1/4 NPT 3 : G 1/2 – G 1/4 4 : M20x1.5P(Adapter type) – 1/4 NPT 5 : 1/2 NPT(Adapter type) – 1/4 NPT
6 Communication	0 : None 2 : HART Communication
7 Option	0 : None 1 : 4-20 mA Analog Output

8	Operating Temp. (Non-explosion proof) ²⁾	S : -30 to 85 °C (-22 to 185 °F, except EAC)
		L : -40 to 85 °C (-40 to 185 °F)
		A : -55 to 85 °C (-67 to 185 °F, only EAC)

¹⁾ In case of INMETRO, put "INMETRO" in a purchase order sheet.

²⁾ This option is just the normal operating temperature of the product and is not related to explosion proof temperature. See "2.6 Certificates" for explosion proof temperature.

2.4.3 YT-3301 / 3302 series follows suffix symbols as follows.

(YT-3301 is MS Connector Type. YT-3302 is Junction Box Type. Both models have only a potentiometer type.)

YT-3301 / 3302 1 2 3 4 5 6 7 8 9

1	Motion Type	L : Linear
		R : Rotary
2	Acting type	S : Single
		D : Double
3	Explosion Proof	N : Non-Explosion
		i : ATEX, IECEx, KCs, NEPSI, INMETRO ¹⁾ , UKEX : Ex ia IIC T5/T6 Gb, Ex iaD IIIC T100°C/T85°C Db, IP66
		A : FM & CSA : Class I, Division 1&2 Groups ABCD T5/T6 Class II, Division 1&2 Groups EFG T100°C/T85°C; Class III Class I, Zone 0, AEx ia IIC T5/T6(FM) Ex ia IIC T5/T6 Ga; Ex tb IIIC T100°C/T85°C Db
		AG : FM, CSA + Tapped Exhaust
		E : Intrinsic safety for EAC
		Z : Intrinsic safety for CCC, NEPSI
4	Lever Type	Linear
		1 : 10 to 40 mm 2 : 20 to 70 mm 3 : 50 to 100 mm 4 : 100 to 150 mm
		Rotary
		5 : Namur
5	Conduit – Air Connection Type	1 : G 1/2 – Rc 1/4
		2 : G 1/2 – 1/4 NPT
		3 : G 1/2 – G 1/4
		4 : M20x1.5P(Adapter type) – 1/4 NPT
		5 : 1/2 NPT(Adapter type) – 1/4 NPT