

MODEL	SMART VALVE POSITIONER									
FY301	HART® & 4 to 20 mA									
FY302	FOUNDATION™ fieldbus									
FY303	PROFIBUS PA									
<b>CODE Local Indicator</b>										
0	Without Indicator									
1	With Digital Indicator									
<b>CODE Mounting Bracket</b>										
0	Without Bracket									
1	With Bracket									
<b>CODE Electrical Connections</b>										
0	1/2" - 14 NPT			3			1/2" - 14 NPT X 1/2 BSP (316 SS) - with adapter (3)			
1	1/2" - 14 NPT X 3/4 NPT (316 SS) - with adapter (5)			A			M20 X 1.5 (6)			
2	1/2" - 14 NPT X 3/4 BSP (316 SS) - with adapter (3)			B			PG 13.5 DIN (7)			
<b>CODE Type of Actuator</b>										
1	Rotary - Single Action			8			Linear Stroke Up to 100 mm - Double Action			
2	Rotary - Double Action			A			Linear Stroke Up to 30 mm - Single Action			
3	Linear Stroke Up to 15 mm - Single Action			B			Linear Stroke Up to 30 mm - Double Action			
4	Linear Stroke Up to 15 mm - Double Action			C			Without magnet (for linear actuator) - Single Action			
5	Linear Stroke Up to 50 mm - Single Action			D			Without magnet (for linear actuator) - Double Action			
6	Linear Stroke Up to 50 mm - Double Action			Z			Others Specify			
7	Linear Stroke Up to 100 mm - Single Action									
<b>CODE Indication Gage</b>										
0	Without Gage			9			Whit 2 Gage (Acrylic, Stainless steel and wetted parts in brass) - Output 1 and 2			
6	With 1 Gage (Acrylic, Stainless steel and wetted parts in brass) - Input			A			With 3 Gage (Acrylic, Stainless steel and wetted parts in brass)			
7	With 1 Gage (Acrylic, Stainless steel and wetted parts in brass) - Output 1			Z			Others Specify			
8	With 2 Gage (Acrylic, Stainless steel and wetted parts in brass) - Input and Output 1									
<b>SPECIAL OPTIONS (Leave it blank for no optional items)</b>										
<b>CODE Housing</b>										
H0	Aluminum (IP/TYPE)			H3			316 Stainless Steel for saline atmosphere (IPW/TYPE X) (2)			
H1	316 Stainless Steel (IP/TYPE)			H4			Copper Free Aluminum (IPW/Type X) (2)			
H2	Aluminum for saline atmosphere (IPW/TYPE X) (2)									
<b>CODE Identification Plate</b>										
I1	FM: XP, IS, NI, DI			I6			Without certification			
I3	CSA: XP, IS, NI, DI			ID			NEPSI: EX-IA, EX-D (PROFIBUS PA) - FY302 and FY303			
I4	EXAM (DMT): EX-IA, NEMKO: EX-D			IO			CEPEL: Ex-tb (explosive dust - Zone 21)			
I5	CEPEL: EX-D, EX-IA									
<b>CODE Painting</b>										
P0	Gray Munsell N 6.5 Polyester									
P8	Without Painting									
P9	Blue Safety Epoxy – Electrostatic Painting									
PD	Blue smooth diamond RAL5010 - Epoxy									
<b>CODE TAG Plate</b>										
J0	With TAG									
J1	Blank									
J2	According to user's notes									
<b>CODE Sensor Mounting (1)</b>										
R0	Full Mounting									
R1	Remote sensor - 5 m cable									
R2	Remote sensor - 10 m cable									
R3	Remote sensor - 15 m cable									
R4	Remote sensor - 20 m cable									
R9	Remote Mounting (adapted for Remote Sensor, without cable and remote extension set)									
<b>CODE Special Sensor</b>										
K0	Without special sensor									
K1	With pressure sensors for diagnostic									
K2	With 4-20 mA Position Feedback (open collector) - FY301									
<b>CODE Special</b>										
ZZ	Leave it blank for no optional items									

FY301	1	0	0	1	0	*	*	*	*	*	*
FY302	1	0	0	1	0	*	*	*	*	*	*
FY303	1	0	0	1	0	*	*	*	*	*	*

← TYPICAL MODEL NUMBER

- NOTES:
- (1) Consult Smar for applications in classified areas.
  - (2) IPW/TYPEX tested for 200 hours according to NBR 8094 / ASTM B 117 standard.
  - (3) Options not certified for Hazardous Locations.
  - (4) Certificate for use in Hazardous Locations (CEPEL, NEMKO, EXAM, FM, CSA).
  - (5) Certificate for use in Hazardous Locations (CEPEL, FM, CSA).
  - (6) Certificate for use in Hazardous Locations (CEPEL, NEMKO, EXAM, FM).
  - (7) Certificate for use in Hazardous Locations (CEPEL, NEMKO, EXAM).