LOGIX MD+ Digital Positioner

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How to Order

Table 25: 520MD+ Positioner Configurations		Code	Example
Selection	**Description**	**Code**	**Example**
Base Model	Intrinsically Safe, IP-66	5	5
Communications and Diagnostics	HART; 8-DIP Set-Up with LCD Option; Standard (Basic Functionality)[1,2]	20MD+	20MD+
	HART; 8-Dip Set-Up with LCD Option; Advanced (With Pressure Sensing) [1,2]	21MD+	
	HART; 8-Dip Set-Up with LCD Option; Pro (With Full ValveSight Diagnostics) [1]	22MD+	
Certifications	General Purpose	14	14
	North America/ATEX/IECEx Intrinsically Safe Cl I Div 1 Gr A,B,C,D Ex ia IIC / Non-Incendive (North America only) Cl I Div 2 Gr A,B,C,D	37	
	Positioner Configuration	**-**	
Housing	Aluminum - Black Base with White Cover	W	W
	Aluminum - Black Base with Yellow Cover	Y	
	Aluminum - Black Base with Black Cover (Automax)	B	
	Aluminum - Black Base with Black Cover (Accord)	A	
Threaded Connections	Mounting: 5/16" 18 UNC, Pneumatics: 1/4" NPTF, Conduit: 1/2" NPTF, Vents 1/4" NPTF	1	1
	Mounting: M8 x 1.25, Pneumatics: 1/4" NPTF, Conduit: M20 x 1.5, Vents 1/4" NPTF	2	
	Mounting: M8 x 1.25, Pneumatics: G1/4", Conduit: M20 x 1.5, Vents G1/4"	3	
Feedback Shaft	D - 316 Stainless Steel Shaft (Valtek Standard)	D	D
	NAMUR - 316 Stainless Steel Shaft (VDI/VDE 3845)	R	
Action	Three-way (Single-Acting), Poppet Style Relay	1	1
	Three-way (Single-Acting), Spool Style Relay	2	
	Four-way (Double-Acting), Spool Style Relay	3	
Position Indicator	No Indicator	0	F
	Flat Indicator	F	
	Domed Indicator	D	
Special Options	No special options	0	0
	Chinese configuration [7]		
	Optional Mechanical Add-Ins	**-**	
Manifold	No Manifold [6]	00	GM
	Gauge Manifold - Aluminum	GM	
Gauges	No Gauges	0	1
	Nickel Plated with Brass Internals, psi (bar/kPa) (Valtek Standard)	1	
	Nickel Plated with Brass Internals. psi (kg/cm2)	2	
	SS with SS Internals. psi (bar/kPa)	3	
	SS with SS Internals. psi (kg/cm2)	4	
	UCC Press Test Plug, 1/8" NPT	A	
	Valve, Tank, Schrader 645A	B	
	Optional Electronic Add-Ins	**-**	
Display	No LCD	0	1
	LCD	1	
Auxiliary Card Slot 1	Slot 1 - No Card	0	1
	Slot 1 - Multi-Function Card [3]	1	
Auxiliary Card Slot 2	Slot 2 - No Card	0	0
	Slot 2 - Multi-Function Card [3]	1	
Limit Switches	No Switches	0	3
	Mechanical Limit Switch [4]	1	
	Reed Switch	2	
	Namur V3 type proximity switch, P+F NJ2-V3-N [4]	3	
	Slot Type NAMUR Sensor, P+F SJ2 S1N [4]	4	
	Slot Type NAMUR Sensor, P+F SJ2 SN [4]	5	
	Namur V3 type proximity switch, P+F NBB2-V3-E2 [4]	6	
	Remote Mount Option [5]	7	

1 HART 6 standard. Can be configured as HART 5 or HART 7 in the field.
2 Can be upgraded to 521MD+ or 522MD+ in the field.
3 Can be configured as Analog Output, Discrete Output or Discrete Input in the field. Slot 2 available only after Slot 1 is filled.
4 Only available for general purpose (certification option 14)
5 Includes adapter board (installed in the positioner) and the low profile remote mount unit (which may be shipped separately).
6 A VDI/VDE 3847 mounting kit can be purchased as a separate item.
7 Only available with 520MD+ model.