



**MODEL CODE SELECTOR - FIELD^{IT}
ACTUATORS & POSITIONERS
INTELLIGENT POSITIONERS
TYPE TZID, TZID Ex, TZID SS**

V18341 = TZID	Model Code	TZID	—	—	—	—	—	—	—	—
		01 - 04	05	06	07	08	09	10	11	
TZID Intelligent Positioner										
Housing										
Aluminum with epoxy coating: NEMA 4X, IP 65			A							
Stainless Steel (315, 1.4581): NEMA 4X, IP 65			S							
Actuator Type										
Linear, 0.4" to 3.3" (10 to 85 mm) stroke (Aluminum Housing)			5							
Linear, 0.4" to 3.3" (10 to 85 mm) stroke (SS Housing)			5							
Linear, 0.4"-3.3"stroke (Aluminum Housing) Remote Mounted Electronics ³			Y	0						
Rotary, 90° rotation, NAMUR-VDI/VDE 3845 (Alum. Housing)			6							
Rotary, 90° rotation, NAMUR-VDI/VDE 3845 (SS Housing)			7							
Rotary, 90° rotation, NAMUR-VDI/VDE 3845 (Aluminum Housing) Remote mounted electronics ³			Z	0						
Agency Certification										
General Purpose			0							
ATEX I.S. Eex ia IIC			1							
ATEX I.S. Eex ia IIC with flammable gas air supply (Alum. Housing)			2							
FM Intrinsically Safe/Non-Incendive CL I, II, III; Div 1,2 Gr A-G			3							
British Standards Non-Incendive EX N IIC			4							
ATEX I.S. Eex ia IIC with flammable gas air supply (SS Housing)			5							
Control Action/Failure Mode on Loss of 4-20 mA Input										
Single Acting/Fail Open/Close			1							
Single Acting/Fail-in-Place			2							
Double Acting/Fail Open/Close			4							
Double Acting/Fail-in-Place			5							
Connections										
Electrical: 1/2-14 NPT Pneumatic: 1/4-18 NPT (Required for FM units)			2							
Electrical: Pg. 13.5 Pneumatic: 1/4-18 NPT			3							
Electrical: M20 x 1.5 Pneumatic: M12x1			4							
Electrical: M20 x 1.5 Pneumatic: 1/4-18 NPT			5							
Position Feedback Module										
Analog 4-20 mA General Purpose ¹								1		
Analog 4-20 mA FM/CSA approved, I.S., Non-incendive CI I, II, III; Div. 1, 2; Gr A-G								2		
Digital output (3) for min/max and general alarm FM/CSA approved								6		
None (but with Proximity Limit Switches) Select from 2 or 4 below								8		
None								9		
Mechanical Limit Switches²										
None								0		
Two P&F slot-type proximity switches (Normally Closed)								2		
Two P&F slot-type proximity switches (Normally Open)								4		

1. Note that Option Code 1 in this field is for a standard purpose 4-20mA feedback module. Option 2 is offered in place of the general purpose.

2. TZID with mechanical limit switches is only ATEX approved.

3. Remote mounted version only available in "general purpose".

Standard Product =



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Accessories

Mounting Hardware

Mounting Kit for linear actuators, stroke 0.4 to 3.3" (designed to IEC534-1 or NAMUR)	0319601
Optional Feedback arm for linear strokes greater than 3.3" (strokes 0.4" to 5.9")	0319602
Mounting Bracket for rotary actuators, 90°, (designed to VDI-VDE 3845)	
80/20 mm	0319603
80/30 mm	0319604
130/30 mm	0319605
130/50 mm	0319606
Mounting Kit for Neles BC/BJ	7959096
Mounting Kit for Neles BC/U & BJ/U	7959097
Mounting Kit for Foxboro V724/V726/V713	0319601
Mounting Kit for Fisher 657A/667	7959155
Mounting Kit for Fisher 1051/30 & 1052/30	7959135
Mounting Kit for Fisher 1051/60 & 1052/60	7959169
Mounting Kit for Bettis RPC/CBA/G Series	0319603
Mounting Kit for Masoneilan Rotopact 400-90	7958312
Mounting Kit for Masoneilan Varipak 28000	7959164
Mounting Kit for Masoneilan Camflex II & Varimax 30000	0319641

Pressure Gauge Block

For single-acting output (with 1 pressure gauge for air supply and 1 pressure gauge for output pressure) Connections 1/4-18 NPT, supply air pressure range 0-10 bar / 0-140 psi	
Output pressure range 0-4 bar / 0-60 psi aluminum version ²	18391 - 7959064
Output pressure range 0-4 bar / 0-60 psi stainless steel version ³	18391 - 7959067
Output pressure range 0-10 bar / 0-140 psi aluminum version ²	7959030
Output pressure range 0-10 bar / 0-140 psi stainless steel version ³	7959045
For double-acting output (with pressure gauge for air supply and 2 pressure gauges for output pressure) Connections 1/4-18 NPT, supply air pressure range 0-10 bar / 0-140 psi	
Output pressure range 0-4 bar / 0-60 psi aluminum version ²	18391 - 7959065
Output pressure range 0-4 bar / 0-60 psi stainless steel version ³	18391 - 7959069
Output pressure range 0-10 bar / 0-140 psi aluminum version ²	7959031
Output pressure range 0-10 bar / 0-140 psi stainless steel version ³	7959046

Regulator (1/4 - 18 NPT connections)

Parker No. 05R118AD	1951029_5
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Filter (1/4 - 18 NPT connections)

Parker No. 15F14HA	5328563_2
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Notes:

1. The pressure gauge blocks are delivered as separate units for self-assembly.
2. Aluminum version: Aluminum pressure gauge block, painted black (like case) pressure gauges with black plastic case.
3. Stainless Steel Version: Pressure gauge block made of stainless steel 1.4571 pressure gauges with stainless steel case.
4. Stainless steel filter regulator not available.

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Accessories - (continued)

Communication Devices	
Local Communication adapter for RS 232 connection (LCI)	18389 - 0319621
HART® Communication modem for USB Connection	010031F
HART® Communication modem	010001F
SmartVision 4 CD-ROM	SM401-1
Spare Parts Modules	
I/P Module, Single Acting Fail Open/Close	18381-0-0010000
I/P Module, Single Acting Fail In Place	18381-0-0020000
I/P Module, Double Acting, Fail Open/Close	18381-0-0040000
I/P Module, Double Acting, Fail In Place	18381-0-0050000
4-20 mA Position Feedback Module	18381-0-0000400
4-20 mA Position TX with for 48V supply	18391-7959193
Digital Position Feedback Module no IS protection	18381-0-0000600
Instruction Bulletin	42/18-54.1 EN
<i>(One copy supplied with order at no charge)</i>	

CF = Consult Factory

Standard Product = 