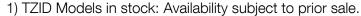# ABB Instrumentation
TZID Positioner

December 1, 2009

TZID Positioner Model V18341H… Stop Sale

Effective December 31, 2009 the TZID positioner will be discontinued.

The TZID introduced in the early 90's was the first generation digital positioner produced by Hartmann & Braun, and now after more than 15 years of production will be discontinued in favor of the successful TZIDC positioner.

This Product Bulletin provides details for the following:

➢ Available TZID models

➢ Spare Parts

➢ Mounting conversion

➢ Nomenclature conversion

➢ Remote Mount solutions

1) TZID Models in stock: Availability subject to prior sale.

TZID Models in stock (11/30/09)		
Qty	Model	Description
1	V18341H-A53529021	TZID Linear Double Acting Fail Freeze
3	V18341H-A60429021	TZID Rotary Double Acting Fail Safe
1	V18341H-A63122021	TZID Rotary Single Acting Fail Safe w. Feedback
19	V18341H-A63522021	TZID Rotary Double Acting Fail Freeze w. Feedback
4	V18341H-A63529021	TZID Rotary Double Acting Fail Freeze
1	V18341H-AY0121021	TZID Remote Linear Single Acting Fail Safe w. FB

2) Spare Parts: The following table provides part numbers of available I/P modules.

Spare Parts TZID I/P Modules	
Part #	Description
7944770	Single Acting Fail-Safe
7944771	Single Acting Fail-Freeze
7944772	Double Acting Fail Safe
7944773	Double Acting Fail Freeze

3) Mounting conversion: The following table provides the material number for the required mounting interface to install a TZIDC in place of the TZID positioner. No other modifications are needed in the existing installation.
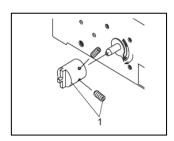
Mounting Adapters	
TZID	TZIDC requirement
Linear Mounting	614C196U01
Rotary Mounting	7959110

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Linear adapter kit: Part # 614C196U01   Rotary shaft adapter: Part # 7959110

4) TZID to TZIDC Nomenclature conversion: The below table provides digit level conversion to the TZIDC model, the special notes provide the part number information for the required adaptors that need to be ordered as a separate line item.

TZID to TZIDC Crossover				
TZID Nomenclature			TZIDC Nomenclature	Special Notes
V18341H-		- to -	V18345	
CASE	A		20	
	S		Belzona Housing	Consult Factory
ACTUATOR TYPE	1		1	need 614C196U01
	2		1	need 7959110
	3		1	need 7959110
	5		2	need 614C196U01
	6		2	need 7959110
	7		2	need 7959110
	L		Offer TZIDC remote	see below options
	M		Offer TZIDC remote	see below options
	Y		Offer TZIDC remote	see below options
	Z		Offer TZIDC remote	see below options
AGENCY	0		0	
	1		7	
	2		No alternative	
	5		No alternative	
	3		2	
	4		4	
ACTION	1		1	
	2		2	
	4		4	
	5		5	
CONNECTIONS	2		2	
	5		5	
	6		6	
FEEDBACK	9		0	
	0		0	
	1		1	
	2		1	
MECH FEEDBACK	0		00	
	1		10	
	2		10	
	3		30	
	4		30	
LABELING	21		1	

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5) Remote mount solutions: The TZID remote mount option in variant "Y" for linear application and "Z" for rotary application is replaced with the below discrete TZIDC model option indentified as special option with SR reference. When replacing a TZID the additional mounting adapter is needed.

Remote Mount Solutions only available for general purpose applications		
TZID Remote	- to -	TZIDC Remote
V18341H-AY0421021		V18345-2020421001/SR1030US + 614C196U01
V18341H-AY0521021		V18345-2020521001/SR1031US + 614C196U01
V18341H-AZ0421021		V18345-2020421001/SR1030US + 7959110
V18341H-AZ0521021		V18345-2020521001/SR1031US + 7959110

Please consult the factory for more details on the TZIDC Remote.

For any questions relating to this notification please contact the undersigned.

Sincerely,

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For any application or technical questions please contact:
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