

**Micropulse Linear Position Transducer with S140 Connector Option**

**Scope**

This document describes relevant technical and mechanical differences for specially configured transducer products.

Only specifications that differ from those published in product literature will be listed here.

For complete product specifications and drawings, refer to the appropriate product user's guide and/or catalog

**Standard Product**

BTL5-xxx-Mxxx-x-S32

**Short Order Code** BTL\_ \_ \_ \_ \_

**Technical Information**

For complete technical information and product information, refer to the user's guide for the standard product.

**Differences**

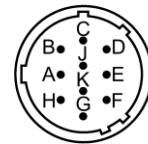
See the table below for wiring information.

**Additional Information**

Pin	Output						
	I/M/P	L/R	N	Q	A/B/G	C/E	S
<b>A</b>	SS (+)	Gate (+)	SS	A (+)	SGND	SGND	Data (+)
<b>B</b>	Int (+)	Int (+)	Int	B (+)	NA	lout	Clock (+)
<b>C</b>	Int (-)	Int (-)	NA	B (-)	Vout (fall)	NA	Clock (-)
<b>D</b>	Vs (+)	Vs (+)	Vs (+)	Vs (+)	Vs (+)	Vs (+)	Vs (+)
<b>E</b>	Vs (-)	Vs (-)	Vs (-)	Vs (-)	Vs (-)	Vs (-)	NA
<b>F</b>	PGND	PGND	PGND	PGND	PGND	PGND	PGND
<b>G</b>	NA	NA	NA	STRB/	NA	NA	NA
<b>H</b>	NA	NA	NA	Z (+)	NA	NA	NA
<b>J</b>	SS (-)	Gate (-)	NA	A (-)	Vout (rise)	NA	Data (-)
<b>K</b>	NA	NA	NA	Z (-)	NA	NA	NA

**Abbreviations:**

- SS = Start/Stop signal
- Int = Interrogation signal
- Vs (+) = Positive power supply (24 V, 15 V, or 10..30 V)
- Vs (-) = Negative power supply, if used (-15 V)
- PGND = Power supply ground
- SGND = Signal ground
- NA = Not applicable



View of mating connector, wiring side

4

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