



CA-FC5-SH-RC7 Product Description

This shielded cable has 24 AWG conductors, a 5-position latching connector (Molex 14-60-0052 (https://www.molex.com/molex/products/part-detail/rb_cbl_wr_trp_conn/0014600052)) on one end and a circular 7-pin screw-on connector (Amphenol MS3106R16S) on the other. The screw-on connector attaches to US Digital's HD25 Industrial Rugged Metal Optical Encoder, and the latching connector mates to an encoder interface like the ED3 (<https://www.usdigital.com/products/accessories/digital-displays/ed3/>) Digital Encoder Display, the QSB (<https://www.usdigital.com/products/accessories/interfaces/usb/qsb/>) adapter, and the USB4 (<https://www.usdigital.com/products/accessories/interfaces/usb/usb4/>) data acquisition device.

WARNING: This product can cause exposure to substances, such as *phthalate plasticizers*, known to the State of California to cause cancer and reproductive harm. For more information, go to oehha.ca.gov/proposition-65 (<https://oehha.ca.gov/proposition-65>).

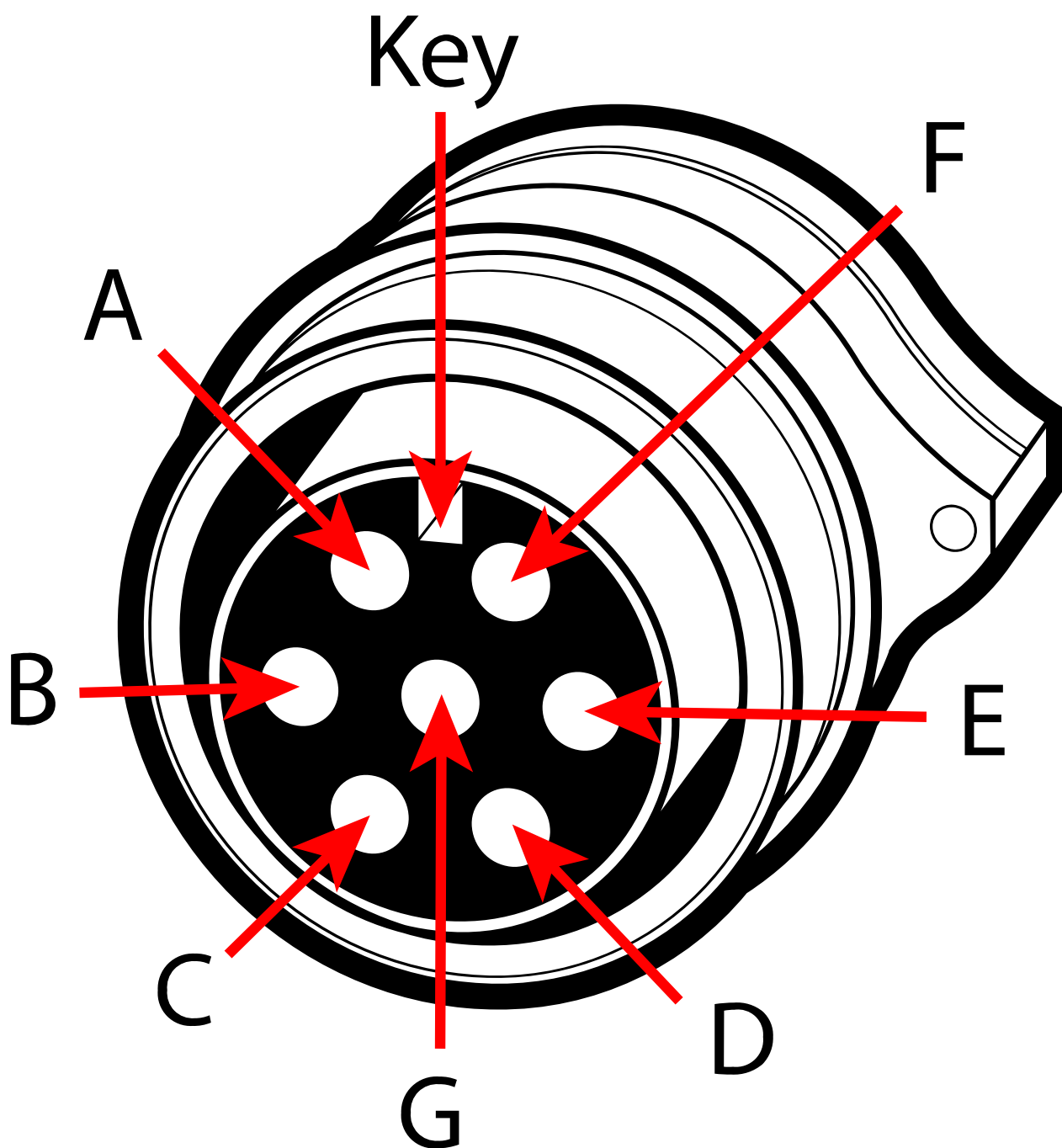
Specifications

PIN OUT

5-Pin Side:

PIN	DESCRIPTION	COLOR
1	Ground	Brown /White Stripe
2	Index	White / Orange Stripe
3	A channel	White / Blue Stripe
4	+5VDC power	Orange / White Stripe
5	B channel	White / Brown Stripe

7-Pin Side:





PIN	DESCRIPTION	COLOR
A	A Channel	White / Blue Stripe
B	B Channel	White / Brown Stripe
C	I Channel	White / Orange Stripe
D	+VDC	Orange / White Stripe
E	-	-
F	Common	Brown / White Stripe
G	-	-

Notes

- US Digital® warrants its products against defects in materials and workmanship for two years. See complete warranty (<https://www.usdigital.com/company/warranty>) for details.

Configuration Options

CA-FC5-SH-RC7	-	First Connector	-	Cable Type	-	Second Connector	-	Length
		FC5		SH		RC7		Length

PLEASE NOTE: This chart is for informational use only. Certain product configuration combinations are not available. Visit the CA-FC5-SH-RC7 product page (<https://www.usdigital.com/products/CA-FC5-SH-RC7>) for pricing and additional information.