



NO: PH-183 **PRODUCT:** E69 Encoder Shaft Couplers
DATE: February 2014 **TYPE:** Modification Notice

E69 Series Shaft Couplers for Rotary Encoders are Modified

Effective date: November 2013 production

Reason for modification: The pattern of indentations makes the couplers easier to produce without changing the performance.



Affected Parts

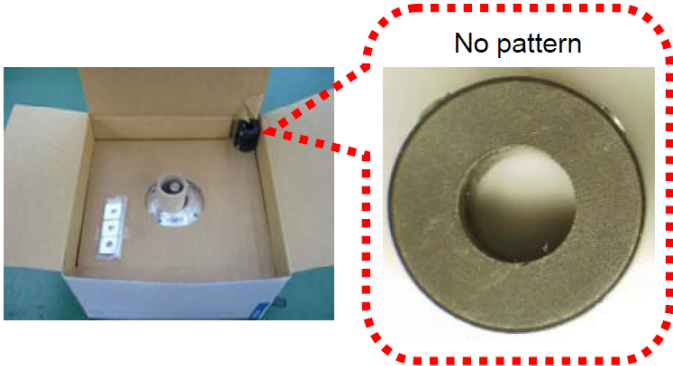


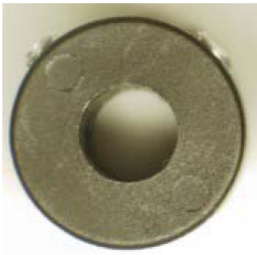




Models	Description	Specification	Note
E69-C08B	Standard coupler	8 mm inside dia., 19 mm outside dia., 23.6 mm long	E6C3-A, E6C3-C coupler sold separately
E69-C10B	Standard coupler	10 mm inside dia. 22 mm outside dia., 26.2 mm long	E6F-C coupler sold separately; E6F-A pre-wired models (see below) included with encoder
E69-C68B	Tapered coupler	6 to 8 mm inside dia., 19 mm outside dia., 24.8 mm long	E6B2-C, E6C2-C, E6C3-C, E6D-C, E6CP-A, E6C3-A coupler sold separately
E69-C610B	Tapered coupler	6 to 10 mm inside dia., 22 mm outside dia., 25.6 mm long	E6B2-C, E6C2-C, E6D-C, E6F-C, E6CP-A, E6F-A coupler sold separately

Pre-wired E6F-A Absolute Encoders with E69-C10B Coupler included

Models	Output code	Speed	Input voltage	Output type	Cable length
E6F-AB3C	BCD	360 rpm	5 to 12 VDC	NPN open collector output	2M cable
E6F-AB3C	BCD	360 rpm	5 to 12 VDC	NPN open collector output	5M cable
E6F-AB5B	BCD	360 rpm	12 to 24 VDC	PNP open collector output	2M cable
E6F-AB5C	BCD	360 rpm	12 to 24 VDC	NPN open collector output	2M cable
E6F-AG5B	Gray code	1024 rpm	12 to 24 VDC	PNP open collector output	2M cable
E6F-AG5B	Gray code	256 rpm	12 to 24 VDC	PNP open collector output	2M cable
E6F-AG5B	Gray code	360 rpm	12 to 24 VDC	PNP open collector output	2M cable
E6F-AG5B	Gray code	720 rpm	12 to 24 VDC	PNP open collector output	2M cable
E6F-AG5C	Gray code	1024 rpm	12 to 24 VDC	NPN open collector output	2M cable
E6F-AG5C	Gray code	1024 rpm	12 to 24 VDC	NPN open collector output	5M cable
E6F-AG5C	Gray code	256 rpm	12 to 24 VDC	NPN open collector output	2M cable
E6F-AG5C	Gray code	256 rpm	12 to 24 VDC	NPN open collector output	5M cable
E6F-AG5C	Gray code	360 rpm	12 to 24 VDC	NPN open collector output	2M cable
E6F-AG5C	Gray code	360 rpm	12 to 24 VDC	NPN open collector output	5M cable
E6F-AG5C	Gray code	720 rpm	12 to 24 VDC	NPN open collector output	2M cable

For complete details of the modification, see the following page.

Changes

Before the change	After the change
<p>Coupler E69-C10B Included as an accessory with E6F-A rotary encoders.</p>  <p style="text-align: center;">No pattern</p>	<p>There is no change in the performance.</p>  <p style="text-align: center;">With pattern</p>
<p>Type E69-C□B series</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="110 716 358 1045"> <p>E69-C68B No pattern</p>  </div> <div data-bbox="472 716 727 1045"> <p>E69-C08B No pattern</p>  </div> </div> <div style="display: flex; justify-content: center; margin-top: 20px;"> <div data-bbox="253 1079 578 1470"> <p>E69-C610B No pattern</p>  </div> </div>	<p>Type E69-C□B series</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="829 716 1084 1045"> <p>E69-C68B With pattern</p>  </div> <div data-bbox="1182 716 1437 1045"> <p>E69-C08B With pattern</p>  </div> </div> <div style="display: flex; justify-content: center; margin-top: 20px;"> <div data-bbox="976 1079 1300 1470"> <p>E69-C610B With pattern</p>  </div> </div>

Reference Documentation

Description	Media	Publication number
E69 Encoder Accessories Data Sheet	PDF	CSM-ROTARY ENCODER-OP E 7 1
E6F-A Rotary Encoder Data Sheet	PDF	CSM E6F-A DS E 5 1