

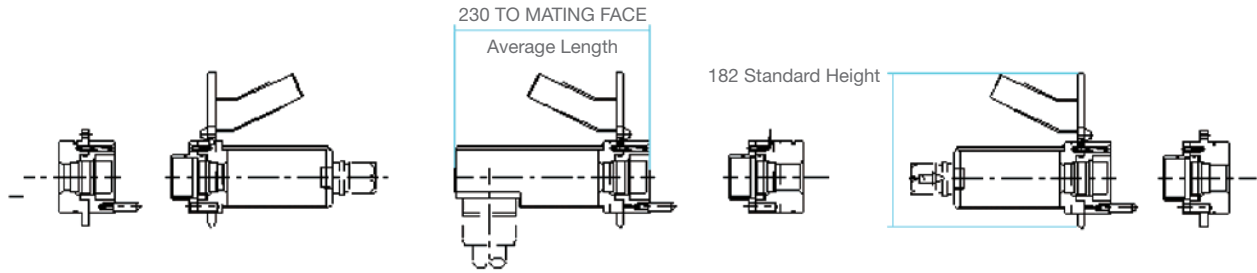
RADIATION TOLERANT COUPLER CONNECTORS

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Nuclear



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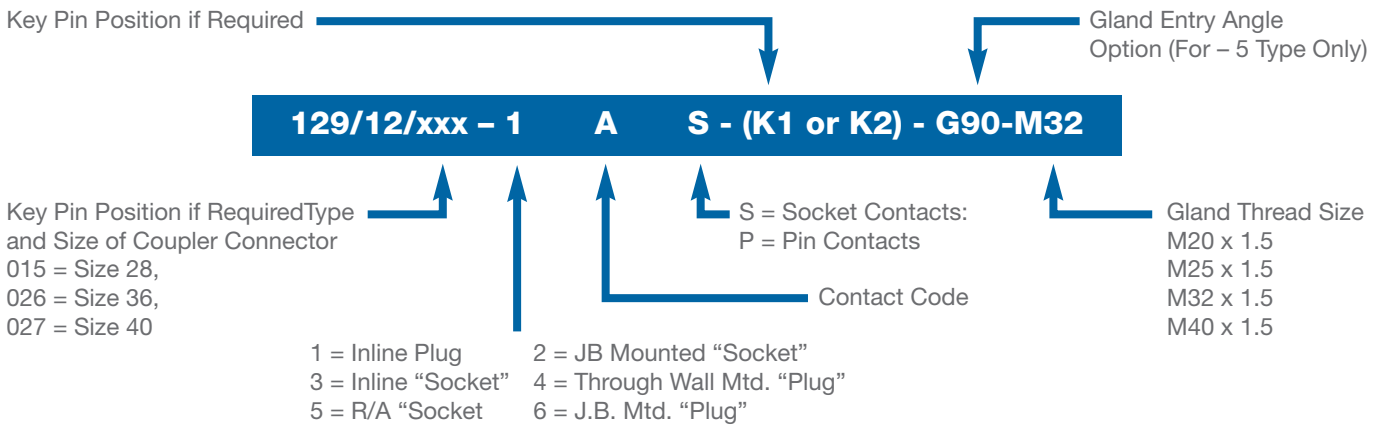
Issue: version 1



- 2 J.B. Mtd Socket	- 1 In-line Plug	- 5 R/A Socket (G0 Pos.)	- 4 Through-wall Plug	- 3 In-line Socket	- 6 J.B. Mtd. Plug
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- Radiation tolerant to 10⁸ Rads
- Stainless steel housing
- Waterproof to IP 66
- Keyed to prevent incorrect connections
- Alternate insert types can be incorporated
- Part of a range of products designed for use by large power manipulators and MSMs
- Adopted by BNFL as an Intermediate Level Waste (ILW) standard product
- Operating Voltage: 700 VDC/500 AC Vrms
- Test Voltage: 2000 AC Vrms

PART NO. ORDERING



Insert Type	No. Of Ways	Contacts	Contact Code
28-51	12	12 x 12 awg	C
28-12	26	26 x 16 awg	B
28-21	37	37 x 16 awg	A
36-9	31	14 x 16 awg	F
		14 x 12 awg	
		2 x 8 awg	
		1 x 4 awg	
36A70	16	11 x 8 awg	E
		5 x 16 awg	
36-7	47	40 x 16 awg	D
		7 x 12 awg	
36A46	27	27 x 12 awg	C
36-10	48	48 x 16 awg	B
36-8	47	46 x 16 awg	A
		1 x 12 awg	
40-56	85	85 x 16 awg	C
40A60	60	60 x 16 awg	B
40A38	38	38 x 12 awg	A

Contact Size	Max Current (at 20°C)	Available Crimp Bucket Sizes (Std Underlined>
16/16	22 Amps	16-12, <u>16-16</u> , 16-20
12	41 Amps	12-12, <u>12-16</u>
8	74 Amps	8-8
4	135 Amps	4-4

Gland Entry Angle Options C/W from G0, viewed from rear of connector)	
G0 = 0°	G90 = 90° (Manipulator entry may be restricted)
G180 = 180°	G270 = 270°



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