

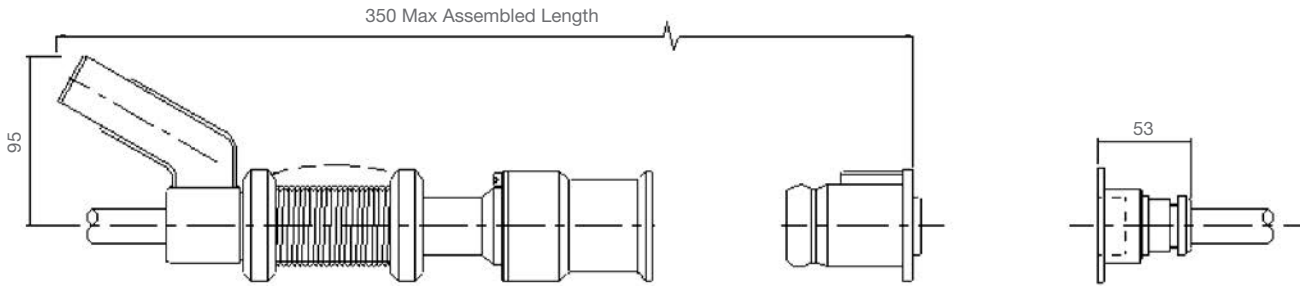
RADIATION TOLERANT COMPLIANT CONNECTORS

James Fisher
Nuclear



Document: JFN-129-004

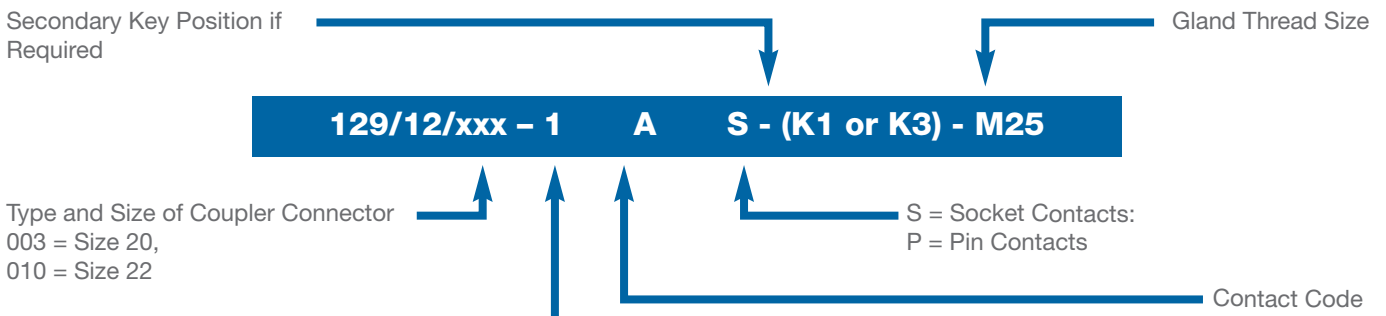
Issue: version 1



- 2 In-line Socket	-1 = Weld -4 = Flange Mounting Bulkhead Plug	-3 = Panel/Bracket Mounting Assembly
-----------------------	---	---

- Radiation tolerant to 10⁸ Rads
- Stainless steel housing
- Waterproof to IP 66
- Keyed to prevent incorrect connections
- Alternate insert types may be incorporated
- Part of a range of products designed for use by large power manipulators and MSMs
- Adopted by Sellafield Ltd as an Intermediate Level Waste (ILW) Standard Product

ORDERING CODE

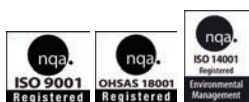


- 1 = Weld Mounting Bulkhead Plug
 - 2 = In-line Compliant Socket
 - 3 = Panel/Bracket Mounting Assembly
 - 4 = Flang Mounting Bulkhead Plug
- Operating Voltage: 700 VDC/500 AC Vrms

Test Voltage: 2000 AC Vrms

Insert Type	No. Of Ways	Contacts	Contact Code
22 - 14	19	19 x 16 awg	C
22 - 19	14	14 x 16 awg	B
22 - 22	4	4 x 8 awg	A
20 - 29	17	17 x 16 awg	F
20 - 27	14	14 x 16 awg	E
20 - 33	11	11 x 16 awg	D
20 - 16	9	7 x 16 awg 2 x 12 awg	C
20 - 17	6	1 x 16 awg 5 x 12 awg	B
20 - 4	4	4 x 12 awg	A

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



www.jfnl.co.uk