



Electronics

Splash Proof Seals

Product Facts

- Economical splash proof/ immersible sealed connector system
- No design changes to existing Universal MATE-N-LOK product
- Existing applications utilizing Universal MATE-N-LOK connectors can be upgraded to a splash proof system
- Utilizes two wire seals and one interface seal
- Wire range is 20-14 AWG [.5-2.0] with insulation diameter range .060-.130 [1.52 - 3.30]
- .110-.130 [2.79-3.30] insulation diameter passed **European IP sealing level** 5/6 + 7 (swirling dust/immersion to 1 meter for 30 minutes)
- .060-.110 [1.52-2.79] insulation diameter passed **European IP sealing level** 5/5 + 7 (swirling dust/heavy seas)
- Universal MATE-N-LOK II keying plug can be used to seal unused circuits
- Primary application is for wire-to-wire; wire-to-board application must use a closed bottom header

Universal MATE-N-LOK Sealed Connectors

Material

Silicone rubber, blue color

Technical Documents Product Specification

108-1031-1 Splash Proof Seal, Universal MATE-N-LOK Connectors Contacts—page 175

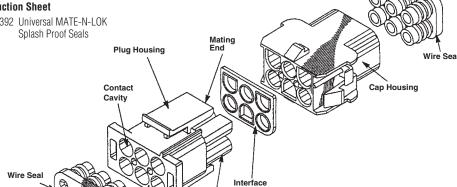
Housings-page 168 Instruction Sheet

Pin Contact

Sealing Plug

Part Number 770377-1

408-3392 Universal MATE-N-LOK Splash Proof Seals



Silos

.800

[20.32]

interface

.550

[13.97]

.030

[.762]

Back Side (Wire End) Seal

Number of Circuits	A Dim	Interface Seal Part Number	Wire Seal Part Number
2	.550	794269-1	794270-1
3	.800	794271-1	794272-1
4	1.050	794273-1	794274-1
6	—	794275-1	794276-1
9	.800	794277-1	794278-1
12	1.050	794279-1	794280-1
15	1.300	794281-1	794282-1

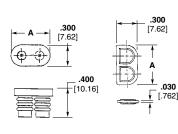
Note: For proper use of this product, customer should make sure

that Instruction Sheet 408-3392 is available for review.

Note: One interface seal and two wire seals required per mated assembly.

Note: All part numbers are RoHS Compliant.

2, 3, 4 Circuit, In-Line



interface

6 Circuit, Matrix

.800

[20.32]

wire

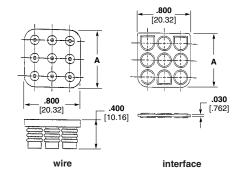


.550 [13.97]

.400

[10.16]





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Catalog 82181 Revised 5-06

wire

www.tycoelectronics.com

Dimensions are in inches and millimeters unless otherwise specified. Values in brackets are metric equivalents.

Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752 Canada: 1-905-470-4425 Mexico: 52-55-1106-0800 C. America: 57-1-254-4444

South America: 55-11-2103-6000 Hong Kong: 852-2735-1628 Japan: 81-44-844-8013 UK: 44-208-420-8341