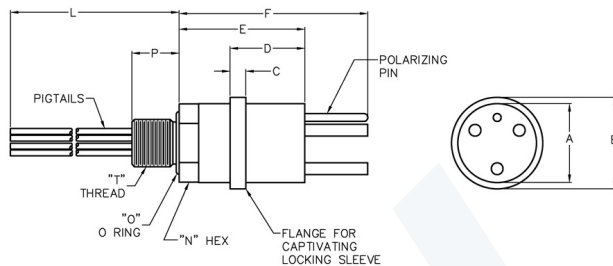


## Watermate Male Flanged Connector

### SERIES B53

The Series B53 Connector belongs to the Watermate family of Connectors which consists of the Series 51, 53, B51, and B53. The B53 Series permits leak-proof hull penetration. They have flanged bodies to retain locking sleeves for positive plug retention and can mate with Series B51 Bulkhead Connectors. Rubber-to-Rubber contact of specially formulated neoprene provides total sealing integrity. Unmated connectors should not be exposed to water for an extended period. Dummy connectors should be used to purge water from the contact surfaces and reduce corrosion. Extreme flexing and rough handling will reduce the useful life of these connectors.



Specifications															
E Series			Maximum AC Volts: 230				Contacts Per Pin: 1				Maximum Amps: 15 (Per Contact)				Wire Size: #16 AWG
Order No.	No. of Pins	No. of Contacts	Locking Sleeve†	A in.	B in.	C in.	D in.	E in.	F	O	L	P	T UNF	N in.	Also Mates With
B53E1M-1	1	1	58TF5-4	.62	.82	.25	1.19	2	3	2-015	12	.50	1/2-20	7/8	B51E1F-1, -DO, -DS
B53E2M-1	2	2	58TF8-4	1	1.20	.25	1.19	2	3	2-015	12	.50	1/2-20	7/8	B51E2F-1, -DO, -DS
B53E3M-1	3	3	58TF8-4	1	1.20	.25	1.19	2	3	2-015	12	.50	1/2-20	7/8	B51E3F-1, -DO, -DS
B53E4M-1	4	4	58TF10-4	1.25	1.45	.25	1.19	2	3	2-019	12	.75	3/4-16	1-1/8	B51E4F-1, -DO, -DS

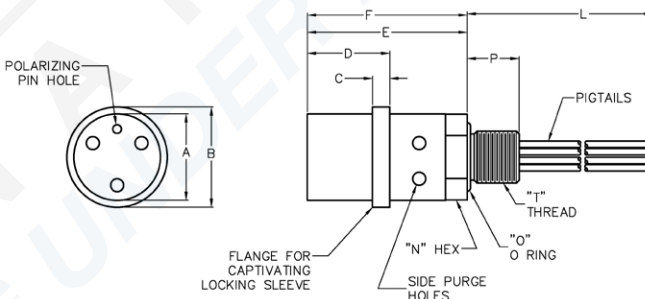
Specifications															
F Series			Maximum AC Volts: 115				Contacts Per Pin: 2				Maximum Amps: 7.5 (Per Contact)				Wire Size: #18 AWG
Order No.	No. of Pins	No. of Contacts	Locking Sleeve†	A in.	B in.	C in.	D in.	E in.	F	O	L	P	T UNF	N in.	Also Mates With
B53F2M-1	1	2	58TF5-4	.62	.82	.25	1.19	2	3	2-015	12	.50	1/4-20	7/8	B51F2F-1, -DO, -DS
B53F4M-1	2	4	58TF8-2	1	1.20	.25	1.19	2	3	2-015	12	.50	1/2-20	7/8	B51F4F-1, -DO, -DS
B53F6M-1	3	6	58TF10-2	1.25	1.45	.25	1.19	2	3	2-019	12	.75	3/4-16	1-1/8	B51F6F-1, -DO, -DS
B53F8M-1	4	8	58TM10-2	1.25	1.45	.25	1.19	2	3	2-019	12	.75	3/4-16	1-1/8	B51F8F-1, -DO, -DS

† Locking Sleeves are not included with connectors, for drawing please see page 136  
 Add -DO for dummy connector, all circuits open  
 Add -DS for dummy connector, all circuits shorted or paired or as indicated

## Watermate Female Flanged Connector

### SERIES B53

Crouse Hinds Electro Series B53 Female Waterproof Connector belongs to the Watermate family. The connectors have a flange to retain locking sleeves. Dummy connectors should be used when connector is exposed to water for an extended period of time unmated.



Specifications															
E Series			Maximum AC Volts: 230				Contacts Per Pin: 1				Maximum Amps: 15 (Per Contact)				Wire Size: #16 AWG
Order No.	No. of Contacts	Locking Sleeve†	A in.	B in.	C in.	D in.	E in.	O	L	P	T UNF	N in.	Also Mates With		
B53E1F-1	1		.62	.82	.25	1.19	2.31	2-015	12	.50	1/2-20	7/8	B51E1M-1, -DO, -DS		
B53E2F-1	2	58TM8-4	1	1.20	.25	1.19	2.31	2-015	12	.50	1/2-20	7/8	B51E2M-1, -DO, -DS		
B53E3F-1	3	58TM8-4	1	1.20	.25	1.19	2.31	2-015	12	.50	1/2-20	7/8	B51E3M-1, -DO, -DS		
B53E4F-1	4	58TM10-4	1.25	1.45	.25	1.19	2.31	2-019	12	.75	3/4-16	1-1/8	B51E4M-1, -DO, -DS		

Specifications															
F Series			Maximum AC Volts: 115				Contacts Per Pin: 2				Maximum Amps: 7.5 (Per Contact)				Wire Size: #18 AWG
Order No.	No. of Contacts	Locking Sleeve†	A in.	B in.	C in.	D in.	E in.	O	L	P	T UNF	N in.	Also Mates With		
B53F2F-1	2		.62	.82	.25	1.19	2.31	2-015	12	.50	1/2-20	7/8	B51F2M-1, -DO, -DS		
B53F4F-1	4	58TM8-2	1	1.20	.25	1.19	2.31	2-015	12	.50	1/2-20	7/8	B51F4M-1, -DO, -DS		
B53F6F-1	6	58TM10-2	1.25	1.45	.25	1.19	2.31	2-019	12	.75	3/4-16	1-1/8	B51F6M-1, -DO, -DS		
B53F8F-1	8	58TM10-2	1.25	1.45	.25	1.19	2.31	2-019	12	.75	3/4-16	1-1/8	B51F8M-1, -DO, -DS		

† Locking Sleeves are not included with connectors, for drawing please see page 136  
 Add -DO for dummy connector, all circuits open, Add -DS for dummy connector, all circuits shorted or paired or as indicated