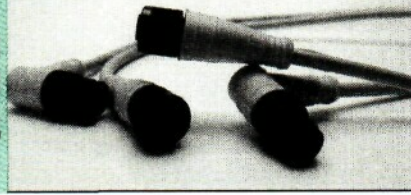


3P to 5P



Single-Ended Cordsets

Single Keyway M12

#22 AWG yellow PVC cables with or without braid – DC color code
 Oil-resistant PVC jacket for all types of heavy-duty industrial environments
 Highly reliable low-resistance contact design with gold/palladium nickel plating

	3P	4P	5P
FEMALE FACE VIEW			
COLOR CODE	1- brown 2- not used 3- blue 4- black 5- not used	1- brown 2- white 3- blue 4- black 5- not used	1- brown 2- white 3- blue 4- black 5- gray
VOLTAGE	250V AC/DC	250V AC/DC	250V AC/DC
CURRENT	4A	4A	4A
CONDUCTOR	#22-3	#22-4	#22-5

FEMALE	FIG	SINGLE-ENDED CORDSETS WITH #22 AWG PVC CABLE WITHOUT BRAID 2 METERS LONG		
STRAIGHT	1	803000A09M020	804000A09M020	805000A09M020
90°	2	803001A09M020	804001A09M020	805001A09M020
MATING RECEPTACLE*	5	8R3006A18A120	8R4006A18A120	8R5006A18A120
MALE	FIG	SINGLE-ENDED CORDSETS WITH #22 AWG PVC CABLE WITHOUT BRAID 2 METERS LONG		
STRAIGHT	3	803006A09M020	804006A09M020	805006A09M020
90°	4	803007A09M020	804007A09M020	805007A09M020
MATING RECEPTACLE*	6	8R3A00A18A120	8R4A00A18A120	8R5A00A18A120

CATALOG OPTIONS

*See Page 116 for additional Mating Receptacles

Use the following chart to modify your part's specifications

803000A09M0201

WIRE TYPE

#22 AWG YELLOW PVC
 W/ METALLIC BRAID D01

CABLE LENGTH

4 METER 040
 5 METER 050

COUPLING NUT

STAINLESS STEEL ADD 1
 NON-METALLIC ADD 2
 (NON-METALLIC AVAILABLE ON
 FEMALE CONNECTORS ONLY)

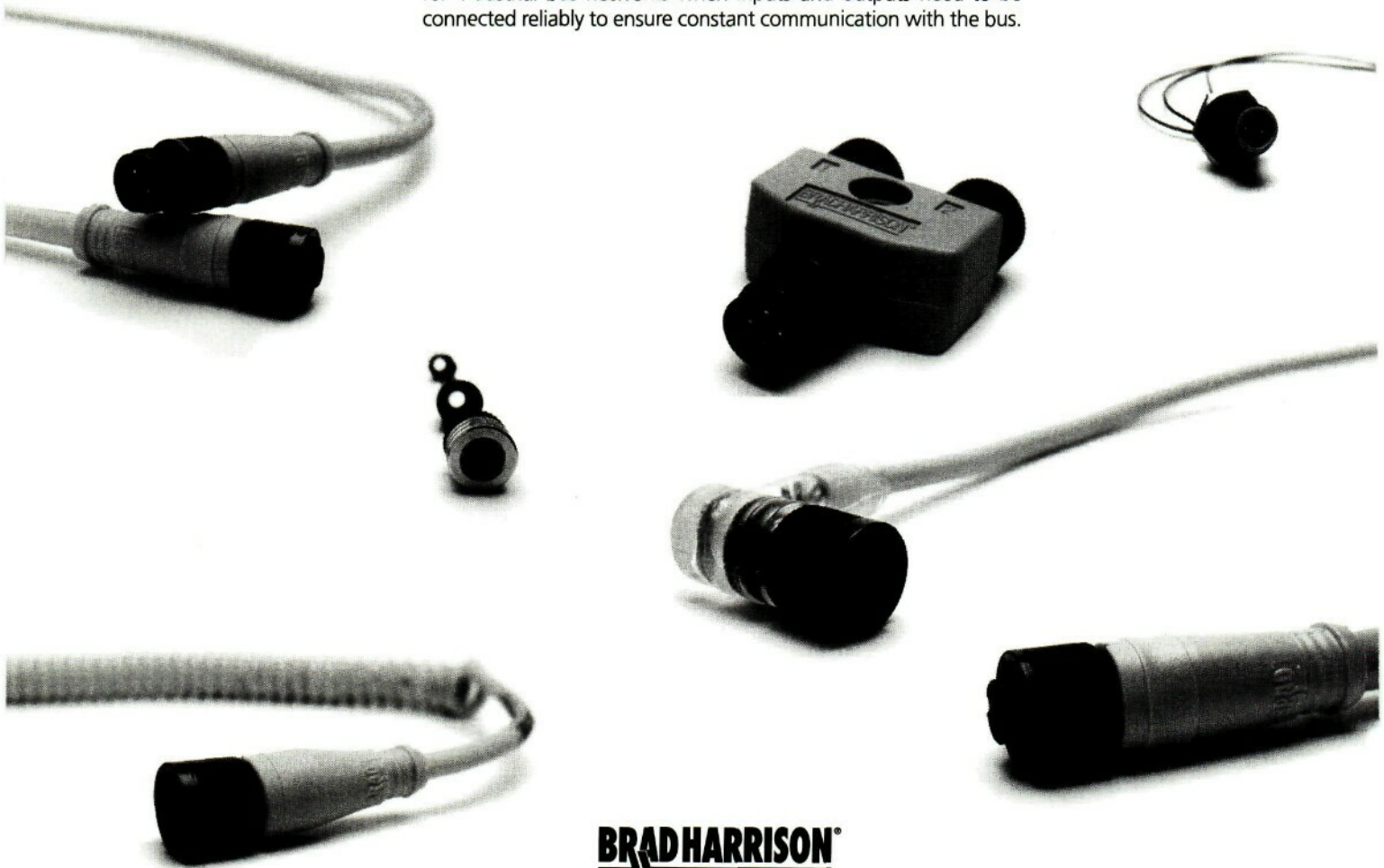
Micro-Change® Cordset Family

Small Space? Big Solution.

When space and time are in short supply, look no further than Brad Harrison® brand for the best, ready-made m12 connector solutions. For fast, compact migration towards softwiring, Brad Harrison Micro-Change m12 connectors are ideal connectivity solutions for 12mm to 18mm sensors and switches. For applications requiring an increased pin count in a standard m12 configuration, the Brad Harrison 8-pin Micro-Change connector family is there for you. A variety of configurations are available, such as DC and both American and European standard AC form factors.

Applications

Micro-Change m12 connectors can be found on a large variety of both input and output connection points. A variety of sensors, switches, safety light curtains and mats can benefit from "quick-disconnect" forms. All of which rely on the use of cordsets for faster wiring, fewer errors and continued protection within a variety of environments. For control output connections, such as valves, solenoids, and indicating light towers, the Brad Harrison Micro-Change connector family provides a reliable and secure connection. The Micro-Change connector is the standard connection for industrial bus networks when inputs and outputs need to be connected reliably to ensure constant communication with the bus.



Specifications

CONNECTOR DIMENSIONS

FEMALE STRAIGHT

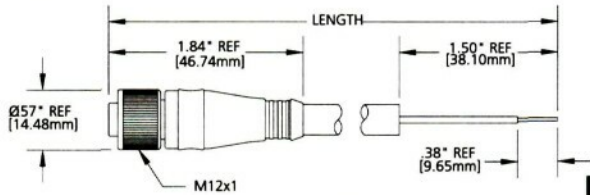


FIG 1

FEMALE 90°

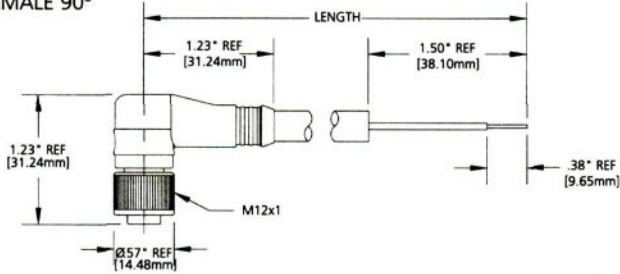


FIG 2

FEMALE CONNECTORS - FACE VIEWS



MALE STRAIGHT

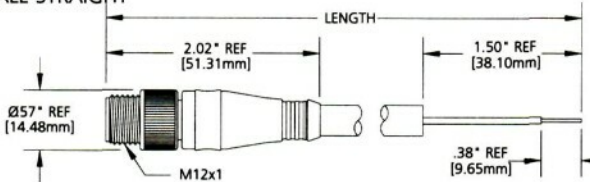


FIG 3

MALE 90°

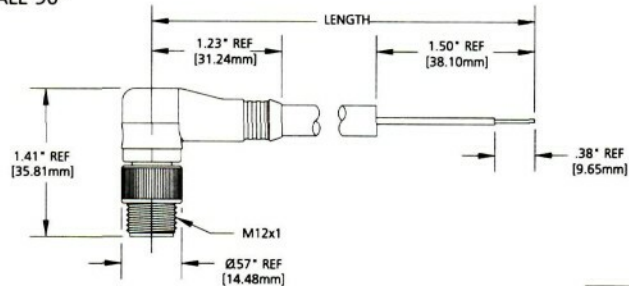
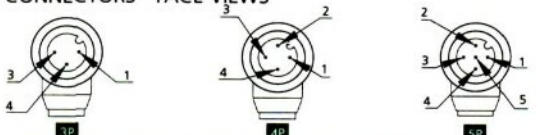


FIG 4

MALE CONNECTORS - FACE VIEWS



MECHANICAL
 CONNECTOR FACE: NYLON 6/6
 MOLDED BODY: PVC
 O-RING: NITRILE RUBBER
 COUPLING NUT: ZINC DIECAST W/ BLACK EPOXY COAT, OPTIONAL STAINLESS STEEL TYPE 303 OR NON-METALLIC BLACK DELRIN



CABLE: YELLOW #22 AWG PVC JACKET AND PVC CONDUCTOR INSULATION OVER 26 X #36 COPPER STRANDING, 300V, UL STYLE 2661, CSA AWM VII A/B, OPTIONAL 80% METALLIC BRAID
OUTSIDE DIAMETER: WITHOUT BRAID WITH BRAID
 3P - .18" (4.6mm) 3P - .23" (5.8mm)
 4P - .20" (5.1mm) 4P - .25" (6.4mm)
 5P - .23" (5.8mm) 5P - .26" (6.6mm)

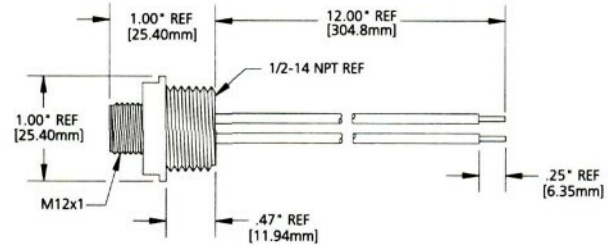
ELECTRICAL
 VOLTAGE RATING: 250 V AC/DC
 AMPERAGE: 3P - 4A
 4P - 4A
 5P - 4A

ENVIRONMENTAL
 PROTECTION: IP 68, NEMA 6P
 AMBIENT OPERATING TEMP: -4° TO 221° F (-20° TO 105° C)

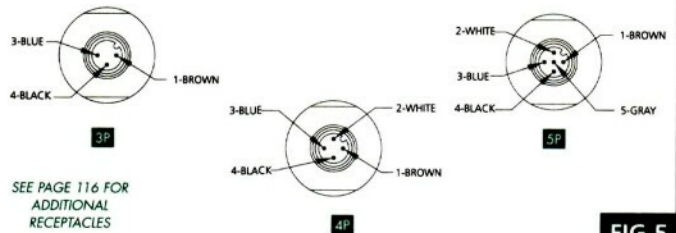
CERTIFICATIONS
 UL: UL LISTED, FILE NO. E152210
 CSA: CSA CERTIFIED, FILE NO. LR6837

RECEPTACLE DIMENSIONS

MALE RECEPTACLE W/ EXTERNAL THREADS AND 1/2" -14NPT THREADS



FACE VIEW



SEE PAGE 116 FOR ADDITIONAL RECEPTACLES

FIG 5

FEMALE RECEPTACLE W/ INTERNAL THREADS AND 1/4" - 18NPT THREADS

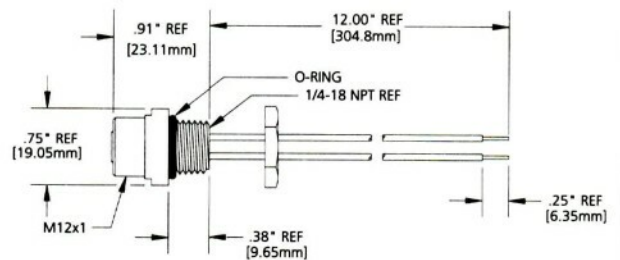


FIG 6

IC	Catalog Number	UPC Number NAED # 786788	Item Description	Sugg. Resale Price	J/M	Price Code	Weight	Std. Carton	Std. Pack	Stock Item	Footnote
MH	7R4B00A17M020	21740	MIC 4P F/FR 2M BPM AC 18AWG	\$16.59	EA	10					
MH	7R4B00A17M030	*Config.Product	MIC 4P F/FR 3M 18/1 PVC	\$18.58	EA	10					
MH	7R5004A19A120	22698	MIC 5P FR 12in. 1/2NPT #22 PVC	\$11.47	EA	10				Y	
MH	7R5004A19F060	21753	MIC 5P FR 6ft. #22 1/2 NPT #22	\$15.28	EA	10					
MH	7R5006A17A120	30356	MIC 5P MR 12IN. #18 1/2 NPT	\$10.40	EA	10					
MH	7R5006A17A1201	*Config.Product	MIC 5P MR 12" 18/1 PVC SS	\$20.55	EA	10					
MH	7R5006A17F060	31258	MIC 5P MR 6' 18/1	\$14.21	EA	10					
MH	7R5006A17F0601	*Config.Product	MIC 5P MR 6' 18/1 PVC SS	\$24.36	EA	10					
MH	7R5006A19A120	22700	MIC 5P MR 12in. 1/2NPT #22 PVC	\$10.40	EA	10				Y	
MH	7R5006A19A1201	30612	MIC 5P MR 12IN. 22/1 SS	\$20.55	EA	10					
MH	7R5006A19A1203	33174	MIC 5P MR 12" 1/2-14 NPT	\$11.42	EA	10				Y	
MH	7R5006A19F060	21754	MIC 5P MR 6ft. #22 1/2 NPT #22	\$14.21	EA	10					
MH	7R5006A19F0601	*Config.Product	MIC 5P MR 6' 22/1 PVC SS	\$24.36	EA	10					
MH	7R5A00A17A120	28939	MIC 5P F/FR 12IN. 1/4NPT #18 P	\$11.47	EA	10					
MH	7R5A00A17A1201	*Config.Product	MIC 5P F/FR 12" 18/1 PVC SS	\$21.62	EA	10					
MH	7R5A00A17F060	34779	MIC 5P F/FR 6' 18/1	\$15.28	EA	10					
MH	7R5A00A17F0601	*Config.Product	MIC 5P F/FR 6' 18/1 PVC SS	\$25.43	EA	10					
MH	7R5A00A19A120	22694	MIC 5P F/FR 12in. 1/4NPT #22 P	\$11.47	EA	10				Y	
MH	7R5A00A19A1201	41921	MIC 5P F/FR 12" 22/1 PVC SS	\$21.62	EA	10					
MH	7R5A00A19F060	21745	MIC 5P F/FR 6ft. #22 1/4in. PV	\$15.28	EA	10					
MH	7R5A00A19F0601	*Config.Product	MIC 5P F/FR 6' 22/1 PVC SS	\$25.43	EA	10					
MH	7R5A04A19A120	22696	MIC 5P FR 12in. 1/4NPT #22 PVC	\$11.47	EA	10				Y	
MH	7R5A04A19F060	21746	MIC 5P FR 6ft. #22 1/4in. PVC	\$15.28	EA	10					
MH	7R5A06A17A120	40317	MIC 5P MR 12IN. 18/1 PVC	\$10.40	EA	10					
MH	7R5A06A17A1201	*Config.Product	MIC 5P MR 12" 18/1 PVC SS	\$20.55	EA	10					
MH	7R5A06A17F060	*Config.Product	MIC 5P MR 6' 18/1 PVC	\$14.21	EA	10					
MH	7R5A06A17F0601	*Config.Product	MIC 5P MR 6' 18/1 PVC SS	\$24.36	EA	10					
MH	7R5A06A19A120	21748	MIC 5P MR 12in. #22 PVC AUTO	\$10.40	EA	10				Y	
MH	7R5A06A19A1201	28966	MIC 5P MR 12IN. 1/4NPT #22PVC	\$20.55	EA	10					
MH	7R5A06A19F060	21749	MIC 5P MR 6ft. #22 PVC AUTO	\$14.21	EA	10					
MH	7R5A06A19F0601	*Config.Product	MIC 5P MR 6' 22/1 PVC SS	\$24.36	EA	10					
MH	7R5B00A17M010	00207	MIC 5P F/FR 1M BPM AC-18AWG	\$15.44	EA	10					
MH	7R5B00A17M020	21750	MIC 5P F/FR 2M BPM AC 18AWG	\$17.94	EA	10					
MH	7R5B00A17M030	*Config.Product	MIC 5P F/FR 3M 18/1 PVC	\$20.43	EA	10					
MH	7R6006A19A120	21759	MIC 6P MR 12in. 1/2NPT #22 PVC	\$10.76	EA	10				Y	
MH	7R6006A19A1201	28935	MIC 6P MR 12IN. 1/2NPT #22 SS	\$20.91	EA	10	0.06				
MH	7R6006A19A1203	33175	MIC 6P MR 12" 1/2-14 NPT	\$11.62	EA	10					
MH	7R6006A19F060	21760	MIC 6P MR 6ft. #22 1/2 NPT #22	\$15.33	EA	10					
MH	7R6006A19F0601	*Config.Product	MIC 6P MR 6' 22/1 PVC SS	\$25.48	EA	10					
MH	7R6A00A19A120	21755	MIC 6P F/FR 12in. 1/4NPT #22 P	\$12.84	EA	10				Y	
MH	7R6A00A19A1201	33047	MIC 6P F/FR 12IN. 22/1 SS	\$22.99	EA	10					
MH	7R6A00A19F060	21756	MIC 6P F/FR 6ft. #22 1/4in. PV	\$17.41	EA	10					
MH	7R6A00A19F0601	*Config.Product	MIC 6P F/FR 6' 22/1 PVC SS	\$27.56	EA	10					
MH	7R6A06A19A120	21757	MIC 6P MR 12in. 1/4NPT #22 PVC	\$10.76	EA	10					
MH	7R6A06A19A1201	28971	MIC 6P MR 12IN. 1/4NPT #22 SS	\$20.91	EA	10	0.06				
MH	7R6A06A19F060	21758	MIC 6P MR 6ft. 1/4NPT #22AWG P	\$15.33	EA	10					
MH	7R6A06A19F0601	*Config.Product	MIC 6P MR 6' 22/1 PVC SS	\$25.48	EA	10					
M1	80011	24048	DC MIC-CLOSURE CAP-BLACK	\$5.92	EA	10	0.02			Y	
M1	80013	80013	DC MIC CLOSURE CAP PL MALE-THD	\$1.25	EA	10				Y	
M1	80015	80015	DC MIC-CLOS CAP-BLACK MALE THD	\$5.89	EA	10	0.015			Y	
MA	803000A09M020	75949	MIC 3P FP 2M #22AWG PVC DC	\$10.24	EA	09	0.14			Y	
MA	803000A09M0201	*Config.Product	MIC 3P FP 2M 22/3 PVC SS	\$17.05	EA	10					
MA	803000A09M040	75951	MIC 3P FP 4M #22AWG PVC DC	\$14.21	EA	10	0.275			Y	
MA	803000A09M0401	36726	MIC 3P FP 4M 22/3 SS	\$19.29	EA	10					
MA	803000A09M050	75953	MIC 3P FP 5M #22AWG PVC DC	\$13.78	EA	09	0.345			Y	