

Receptacle Catalog Number Matrix

Use these Catalog Number Matrices to generate a custom or existing part number. From each grouping of specifications choose the corresponding code to create a single 13 character alpha/numeric part number for ordering. Below is an example of a properly constructed Receptacle part number and how it translates to an actual part.

3R2004A20A1201

12 Pole Female Straight Receptacle with 12" leads, 16 AWG, PVC, U.S. Color Code, Optional Stainless Steel Shell

3 R 2 0 0 4 A 2 0 A 1 2 0 1

PRODUCT FAMILY 1st Character 2nd Character R	NUMBER OF POLES X 1 2	RECEPTACLE TYPE 004 005 006 007 D04 D06 G04 G06	WIRE TYPE A16 A17 A20 A24 A25	UNIT OF MEASURE A F	LENGTH 1st Digit 2nd Digit 3rd Digit	10 X Length 1 X Length .1 X Length			
							Female Straight, ½" - 14NPT Mounting Thread	18 AWG PVC UL 1015 IEC DC Color Code 3P & 4P	Inches
							Female 90°, ½" - 14NPT Mounting Thread 2-6 Pole A-size only	18 AWG PVC UL 1061 AUTO Color Code 3P-5P	Feet
							Male Straight, ½" - 14NPT Mounting Thread	16 AWG PVC UL 1015 U.S. Color Code 2P-12P	Note: use feet for length greater than 1 foot
							Male 90°, ½" - 14NPT Mounting Thread 2-6 Pole A-size only	16 AWG PVC UL 1015 AUTO Color Code 3P & 5P	
							Female Straight, PG13.5 Mounting Thread, 3-5 Pole only	18 AWG PVC UL 1015 IEC AC Color Code 3P & 5P	
							Male Straight, PG13.5 Mounting Thread, 3-5 Pole only		
							Female Straight Flange Mount 2-6 Pole A-size only		
							Male Straight Flange Mount 2-6 Pole A-size only		



Receptacles

#16 AWG PVC 12-inch leads – U.S. color code, epoxy potted
 Straight, 90° and flange mount in male and female versions
 Low-resistance contact design with gold/palladium nickel plating

	2P	3P	4P	5P	6P
MALE FACE VIEW					
COLOR CODE	1- white 2- black	1- green-gnd 2- black 3- white	1- black 2- white 3- red 4- green-gnd	1- white 2- red 3- green-gnd 4- orange 5- black	1- white 2- red 3- green-gnd 4- orange 5- black 6- blue
VOLTAGE	600V AC/DC	600V AC/DC	600V AC/DC	600V AC/DC	600V AC/DC
CURRENT	13A	13A	10A	8A	8A
CONDUCTOR	#16-2	#16-3	#16-4	#16-5	#16-6

MALE	FIG	RECEPTACLES WITH #16 AWG PVC LEADS 12 INCHES LONG				
STRAIGHT	1	1R2006A20A120	1R3006A20A120	1R4006A20A120	1R5006A20A120	1R6006A20A120
90°	3	1R2007A20A120	1R3007A20A120	1R4007A20A120	1R5007A20A120	1R6007A20A120
FLANGE MOUNT	2	1R2G06A20A120	1R3G06A20A120	1R4G06A20A120	1R5G06A20A120	1R6G06A20A120
FEMALE	FIG	RECEPTACLES WITH #16 AWG PVC LEADS 12 INCHES LONG				
STRAIGHT	1	1R2004A20A120	1R3004A20A120	1R4004A20A120	1R5004A20A120	1R6004A20A120
90°	3	1R2005A20A120	1R3005A20A120	1R4005A20A120	1R5005A20A120	1R6005A20A120
FLANGE MOUNT	2	1R2G04A20A120	1R3G04A20A120	1R4G04A20A120	1R5G04A20A120	1R6G04A20A120

PART NO.	ACCESSORIES
5601	Locknut 1/2 "-14NPT, zinc plated steel
5611	Gasket, black neoprene

CATALOG OPTIONS

Use the following chart to modify your part's specifications

1R2006A20A1201

CABLE LENGTH

3'	F030
6'	F060

SHELL

STAINLESS STEEL SHELL .ADD 1	1
NON-METALLIC SHELL .ADD 2	2
(AVAILABLE ON MALE & FEMALE STRAIGHT RECEPTACLES ONLY)	

Specifications



MECHANICAL

SHELL: ZINC DIECAST W/ BLACK EPOXY COAT, OPTIONAL STAINLESS STEEL TYPE 303 OR NON-METALLIC GRAY NYLON 6/6
 90°: ZINC DIECAST W/ BLACK E-COAT
 FLANGE MOUNT: GRAY ANODIZED ALUMINUM
 INSERT: PVC - UL STD 94 - V0
 CONDUCTORS: #16 AWG, PVC INSULATION OVER 26 X #30 COPPER STRANDING, 600V, UL STYLE 1015 CSA TEW

ELECTRICAL

VOLTAGE RATING: 600 V AC/DC
 AMPERAGE: 2P - 13A
 3P - 13A
 4P - 10A
 5P - 8A
 6P - 8A

ENVIRONMENTAL

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

CERTIFICATIONS

UL: UL RECOGNIZED, FILE NO. E46237
 CSA: CSA CERTIFIED, FILE NO. LR6837

RECEPTACLE DIMENSIONS

MALE STRAIGHT WITH 1/2" - 14NPT THREADS
 FEMALE STRAIGHT WITH 1/2" - 14NPT THREADS

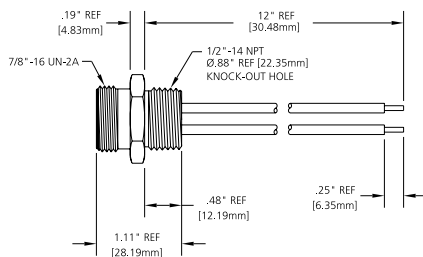
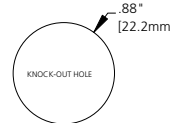
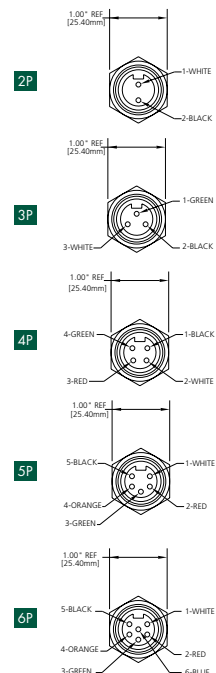


FIG 1

TYPICAL KNOCKOUT



FEMALE FACE VIEW



MALE FLANGE MOUNT
 FEMALE FLANGE MOUNT

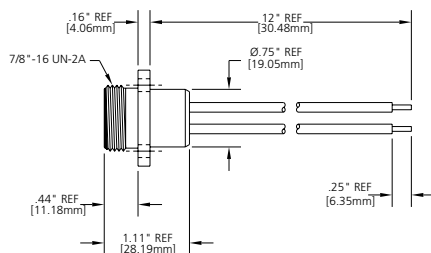
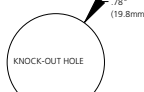
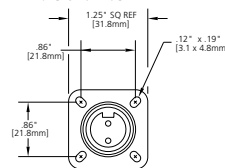


FIG 2

TYPICAL KNOCKOUT



MOUNTING DETAIL



MALE 90° WITH 1/2" - 14NPT THREADS
 FEMALE 90° WITH 1/2" - 14NPT THREADS

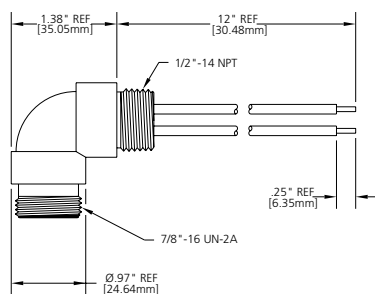
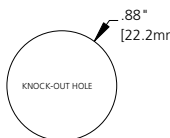
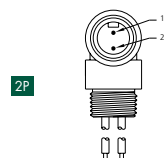


FIG 3

TYPICAL KNOCKOUT



TYPICAL MALE FACE VIEW



TYPICAL FEMALE FACE VIEW

