

APPROVED BY: MFG. ENG. DATE: QA

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NOTES:
1. ALL PARTS TO BE BULK PACKED UNLESS NOTED.
2. INSTA CLICK CABLE END ASSEMBLY IS SUPPLIED AS A KIT. SEE KIT DRAWING.
CONTACTS SUPPLIED UNASSEMBLED FOR CRIMP AND ASSEMBLED FOR SOCKET VERSIONS
3. ALL DIMENSIONS ARE REFERENCED IN INCHES [MM], WITHIN ± 0.015 UNLESS NOTED.
4. SIZE #12, 2 POSITION CRIMP CONTACTS ASSEMBLY IS BEEN SHOWN AS EXAMPLE. VISIT PART NUMBERING SYSTEM CHART TO VISIT VARIOUS SELECTIONS

W 3 X 8 X - X PG -P- 3 XX

PART NUMBER SYSTEM

CONTACT SIZES
1' - SIZE #12
2' - SIZE #20
3' - SIZE #16

CONTACTS STYLE
0' - CRIMP
2' - SOLDER

CONTACT POSITIONS
POSITION 2, 3 & 4 (AVAILABLE IN SIZE #12)
POSITION 4, 5 & 6 (AVAILABLE IN SIZE #16)
POSITION 4,5,6,7,8,9,10,11&12 (AVAILABLE IN SIZE #20)

15 - CABLE OD 0.15 - 0.17 [3.8 - 4.3mm]
18 - CABLE OD 0.18 - 0.20 [4.6 - 5.1mm]
21 - CABLE OD 0.21 - 0.23 [5.3 - 5.8mm]
24 - CABLE OD 0.24 - 0.27 [6.1 - 6.8mm]
28 - CABLE OD 0.28 - 0.29 [7.1 - 7.4mm]
30 - CABLE OD 0.30 - 0.32 [7.6 - 8.1mm]

1.099

Ø.856

KEYWAY

W3180-2PG-P-3XX SHOWN MATING VIEW

.930 [23.6]

CABLE END CONN KIT
MATL:
HOUSING- THERMOPLASTIC, BLACK
COUPLING RING- THERMOPLASTIC, BLACK
O-RING - RED SILICONE
INTERNAL SPRING - STAINLESS STEEL

#12 CRIMP CONTACTS SHOWN HERE
MATL: COPPER ALLOY, GOLD PLATED

.430 [11.0]

Ø.465 [11.8]

GROMMET
MATL: SANTOPRENE, BLACK
W3180-2PG-P-315 0.156 ID FOR CABLES 0.15 - 0.17 [3.5 - 4.3mm]OD
W3180-2PG-P-318 0.187 ID FOR CABLES 0.18 - 0.20 [4.6 - 5.1mm]OD
W3180-2PG-P-321 0.225 ID FOR CABLES 0.21 - 0.23 [5.3 - 5.8mm]OD
W3180-2PG-P-324 0.250 ID FOR CABLES 0.24 - 0.27 [6.1 - 6.8mm]OD
W3180-2PG-P-328 0.285 ID FOR CABLES 0.28 - 0.29 [7.1 - 7.4mm]OD
W3180-2PG-P-330 0.312 ID FOR CABLES 0.30 - 0.32 [7.6 - 8.1mm]OD

.378 [9.6]

Ø.544 [13.8]

SLEEVE
MATL: THERMOPLASTIC, BLACK

.695 [17.6]

Ø.715 [17.8]

BACKSHELL
MATL: THERMOPLASTIC, BLACK

W3180-2PG-P-3XX WIRING VIEW

W3180-2PG-P-3XX MATING VIEW

W3180-3PG-P-3XX MATING VIEW

W3380-4PG-P-3XX MATING VIEW

W3280-9PG-P-3XX WIRING VIEW

W3280-8PG-P-3XX WIRING VIEW

W3280-7PG-P-3XX WIRING VIEW

W3280-6PG-P-3XX WIRING VIEW

W3280-5PG-P-3XX WIRING VIEW

W3280-4PG-P-3XX WIRING VIEW

0A	AM	04/04/22	CUSTOMER DRAWING		
REV.	INIT.	DATE	DESCRIPTION		
ALL INFORMATION ILLUSTRATED IS THE PROPERTY OF CONXALL CORPORATION. UNAUTHORIZED DUPLICATION OR DISTRIBUTION OF THIS DOCUMENT IS PROHIBITED.			ORIG. DRAWN BY:	DATE:	
			AM	04/04/22	
ALL UNITS ARE IN FEET, INCHES, FRACTION OF INCHES AND DECIMALS. UNLESS OTHERWISE SPECIFIED TOLERANCES: 3 PLACE DECIMALS ±.005 ANGLES ±1° FRACTIONS ±1/16			CHECKED BY:	conxall 601 E. WILDWOOD VILLA PARK, IL 60181	
			APPROVED BY:		
▷ = CRITICAL CHARACTERISTIC FLAG PER SPEC. XXXX			SCALE	SIZE	SHEET
			NTS	B	1 OF 1
FILE: FILE NAME			DIRECTORY:	PART NUMBER:	REV
			SLW	W3X8X-XPG-P-3XX	REV

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Switchcraft:

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