

4

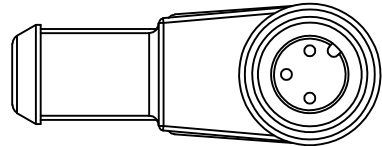
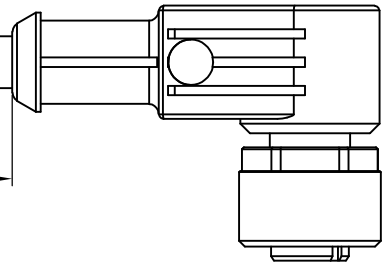
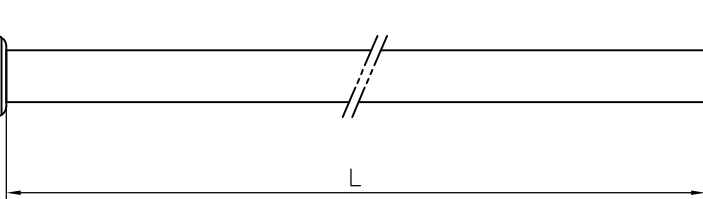
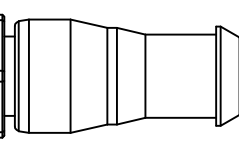
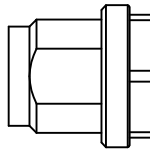
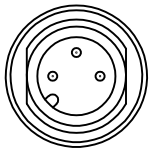
3

2

1

|                              |                                     |
|------------------------------|-------------------------------------|
| THIS DRAWING IS UNPUBLISHED. | RELEASED FOR PUBLICATION<br>- , - . |
| © COPYRIGHT - By -           | ALL RIGHTS RESERVED.                |

NOTES:  
Tolerances cable lengths:  
0m to 0.5m +30mm  
0.5m to 1.0m +50mm  
1.0m to 3.0m +100mm  
< 3.0m +1.5%



| REVISIONS |     |                 |           |     |      |
|-----------|-----|-----------------|-----------|-----|------|
| P         | LTR | DESCRIPTION     | DATE      | DWN | APVD |
|           | A   | INITIAL RELEASE | 29NOV2013 | YC  | BvH  |
|           | A1  | ECR-14-014684   | 02OCT2014 | GSK | BvH  |
|           | A2  | ECR-16-003945   | 16MAR2016 | GSK | BvH  |

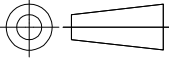
| TECHNICAL DATA                |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| Operating voltage             | max. 250 V AC/DC                                                  |
| Operating current per contact | max. 4 A                                                          |
| Locking of ports              | Screw thread M12 x 1 mm (recommended torque 0.6 Nm) self-securing |
| Protection                    | IP65 and IP67 when plugged and screwed down (EN 60529)            |

| PUR CABLE                  |                          |
|----------------------------|--------------------------|
| No./diameter of wires      | 3 x 0.34 mm <sup>2</sup> |
| Wire isolation             | PP (br, bl, bk)          |
| C-track properties         | 5 million                |
| Jacket                     | PUR (UL/CSA)             |
| Outer diameter             | approx. 4.3 mm           |
| Bend radius (moving)       | 10 x outer diameter      |
| Temperature range (fixed)  | -40...+80 °C             |
| Temperature range (mobile) | -25...+80 °C             |

| PVC CABLE                  |                          |
|----------------------------|--------------------------|
| No./diameter of wires      | 3 x 0.34 mm <sup>2</sup> |
| Wire isolation             | PVC (br, bl, bk)         |
| C-track properties         |                          |
| Jacket                     | PVC (UL/CSA)             |
| Outer diameter             | approx. 4.6 mm           |
| Bend radius (moving)       | 10 x outer diameter      |
| Temperature range (fixed)  | -30...+80 °C             |
| Temperature range (mobile) | -5...+80 °C              |

| Contact Layout |        | Schematic diagram         |  |
|----------------|--------|---------------------------|--|
| Male           | Female |                           |  |
|                |        |                           |  |
|                |        | flexible wire brown (+)   |  |
|                |        | flexible wire black (N/O) |  |
|                |        | flexible wire blue (-)    |  |

|            |        |          |              |             |                  |      |
|------------|--------|----------|--------------|-------------|------------------|------|
| 3 pos      | 2.0mtr | PVC      | Black        | 1-2273116-5 | 3x22AWG PVC 2.0m | 10   |
|            | 1.5mtr |          |              | 1-2273116-4 | 3x22AWG PVC 1.5m | 9    |
|            | 1.0mtr |          |              | 1-2273116-3 | 3x22AWG PVC 1.0m | 8    |
|            | 0.6mtr |          |              | 1-2273116-2 | 3x22AWG PVC 0.6m | 7    |
|            | 0.3mtr |          |              | 1-2273116-1 | 3x22AWG PVC 0.3m | 6    |
| 3 pos      | 2.0mtr | PUR      | Black        | 2273116-5   | 3x22AWG PUR 2.0m | 5    |
|            | 1.5mtr |          |              | 2273116-4   | 3x22AWG PUR 1.5m | 4    |
|            | 1.0mtr |          |              | 2273116-3   | 3x22AWG PUR 1.0m | 3    |
|            | 0.6mtr |          |              | 2273116-2   | 3x22AWG PUR 0.6m | 2    |
|            | 0.3mtr |          |              | 2273116-1   | 3x22AWG PUR 0.3m | 1    |
| LENGTH "L" |        | MATERIAL | JACKET COLOR | TE PN       | DESCRIPTION      | ITEM |

|                                                                                       |  |                                      |                                                                                                       |                    |                         |                    |
|---------------------------------------------------------------------------------------|--|--------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------|-------------------------|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>YATHISH.C<br>29NOV2013        |  TE Connectivity |                    |                         |                    |
|                                                                                       |  | CHK<br>B.VELDHOVEN<br>29NOV2013      |                                                                                                       |                    |                         |                    |
|                                                                                       |  | APVD<br>A.VAN ZANDVOORT<br>29NOV2013 | NAME<br>M12 STRGT PLUG TO M12 ANGLED SOCKET AA                                                        |                    |                         |                    |
| DIMENSIONS:<br>mm                                                                     |  | PRODUCT SPEC<br>108-19483            |                                                                                                       |                    |                         |                    |
|  |  | APPLICATION SPEC<br>114-32127        |                                                                                                       |                    |                         |                    |
| MATERIAL<br>-                                                                         |  | WEIGHT                               | SIZE<br>A3                                                                                            | CAGE CODE<br>00779 | DRAWING NO<br>C-2273116 | RESTRICTED TO<br>- |
|                                                                                       |  | FINISH<br>-                          | CUSTOMER DRAWING                                                                                      |                    | SCALE<br>NTS            | SHEET<br>1 OF 1    |
|                                                                                       |  |                                      |                                                                                                       |                    | REV<br>A2               |                    |

# Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[2273116-3](#)