

|                              |                          |         |
|------------------------------|--------------------------|---------|
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| REVISIONS |     |                 |           |     |      |
|-----------|-----|-----------------|-----------|-----|------|
| P         | LTR | DESCRIPTION     | DATE      | DWN | APVD |
|           | A   | INITIAL RELEASE | 30NOV2013 | YC  | BvH  |
|           | A1  | ECR-14-015049   | 13OCT2014 | GSK | BvH  |
|           | A2  | ECR-16-003945   | 16MAR2016 | GSK | BvH  |

NOTES:

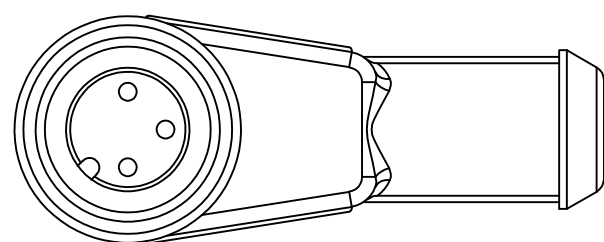
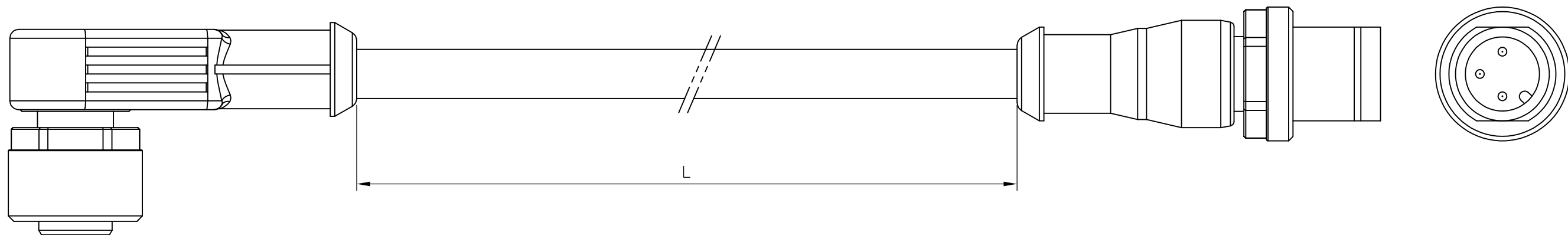
Tolerances cable lengths:

0m to 0.5m +30mm

0.5m to 1.0m +50mm

1.0m to 3.0m +100mm

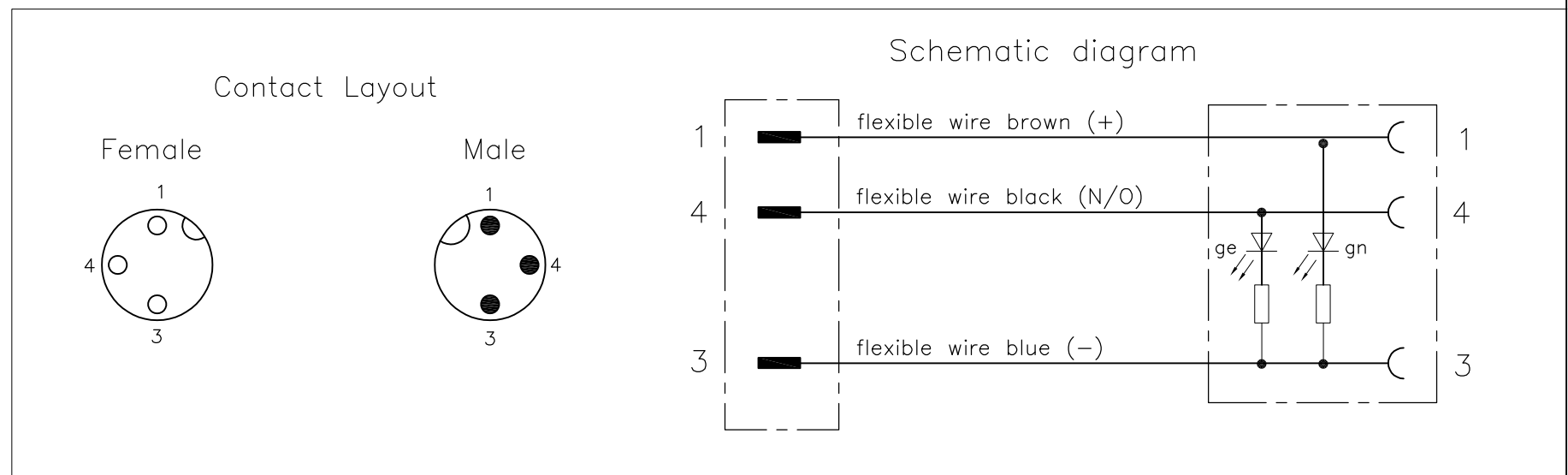
< 3.0m +1.5%



| TECHNICAL DATA                |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| Operating voltage             | 24 V DC $\pm 25\%$                                                |
| 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/PVC CABLE              |                          |
|----------------------------|--------------------------|
| No./diameter of wires      | 3 x 0.34 mm <sup>2</sup> |
| Wire isolation             | PVC (br, bl, bk)         |
| C-track properties         | 2 million                |
| Jacket                     | PUR/PVC                  |
| Outer diameter             | approx. 4.9 mm           |
| Bend radius (moving)       | 15 x outer diameter      |
| Temperature range (fixed)  | -30...+80 °C             |
| Temperature range (mobile) | -5...+80 °C              |

| CABLE                      |                                  |
|----------------------------|----------------------------------|
| No./diameter of wires      | 3 x 0.34 mm <sup>2</sup>         |
| Wire isolation             | PP (br, bl, bk)                  |
| C-track properties         | 10 million                       |
| Jacket                     | PUR (UL/CSA), welding spark res. |
| Outer diameter             | approx. 4.3 mm                   |
| Bend radius (moving)       | 10 x outer diameter              |
| Temperature range (fixed)  | -40...+90 °C                     |
| Temperature range (mobile) | -25...+90 °C                     |



|       |           |                    |              |             |                        |      |
|-------|-----------|--------------------|--------------|-------------|------------------------|------|
| 3 pos | 2.0mtr    | SPARK<br>RESISTANT | Black        | 3-2273125-5 | 3x22AWG SPARK RES 2.0m | 20   |
|       | 1.5mtr    |                    |              | 3-2273125-4 | 3x22AWG SPARK RES 1.5m | 19   |
|       | 1.0mtr    |                    |              | 3-2273125-3 | 3x22AWG SPARK RES 1.0m | 18   |
|       | 0.6mtr    |                    |              | 3-2273125-2 | 3x22AWG SPARK RES 0.6m | 17   |
|       | 0.3mtr    |                    |              | 3-2273125-1 | 3x22AWG SPARK RES 0.3m | 16   |
| 3 pos | 2.0mtr    | PUR/PVC            | Black        | 2-2273125-5 | 3x22AWG PUR/PVC 2.0m   | 15   |
|       | 1.5mtr    |                    |              | 2-2273125-4 | 3x22AWG PUR/PVC 1.5m   | 14   |
|       | 1.0mtr    |                    |              | 2-2273125-3 | 3x22AWG PUR/PVC 1.0m   | 13   |
|       | 0.6mtr    |                    |              | 2-2273125-2 | 3x22AWG PUR/PVC 0.6m   | 12   |
|       | 0.3mtr    |                    |              | 2-2273125-1 | 3x22AWG PUR/PVC 0.3m   | 11   |
|       | LENGTH”L” | MATERIAL           | JACKET COLOR | TE PN       | DESCRIPTION            | ITEM |

| TECHNICAL DATA                |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| Operating voltage             | 24 V DC $\pm$ 25 %                                                |
| 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              |

|       |           |          |              |             |                  |      |
|-------|-----------|----------|--------------|-------------|------------------|------|
| 3 pos | 2.0mtr    | PVC      | Black        | 1-2273125-5 | 3x22AWG PVC 2.0m | 10   |
|       | 1.5mtr    |          |              | 1-2273125-4 | 3x22AWG PVC 1.5m | 9    |
|       | 1.0mtr    |          |              | 1-2273125-3 | 3x22AWG PVC 1.0m | 8    |
|       | 0.6mtr    |          |              | 1-2273125-2 | 3x22AWG PVC 0.6m | 7    |
|       | 0.3mtr    |          |              | 1-2273125-1 | 3x22AWG PVC 0.3m | 6    |
| 3 pos | 2.0mtr    | PUR      | Black        | 2273125-5   | 3x22AWG PUR 2.0m | 5    |
|       | 1.5mtr    |          |              | 2273125-4   | 3x22AWG PUR 1.5m | 4    |
|       | 1.0mtr    |          |              | 2273125-3   | 3x22AWG PUR 1.0m | 3    |
|       | 0.6mtr    |          |              | 2273125-2   | 3x22AWG PUR 0.6m | 2    |
|       | 0.3mtr    |          |              | 2273125-1   | 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>30NOV2013          |  |  TE Connectivity |                    |                         |                    |
|                                                                                       |  | CHK<br>B.VELDHOVEN<br>30NOV2013        |  |                                                                                                       |                    |                         |                    |
| DIMENSIONS:<br>mm                                                                     |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME<br>M12 ANGLD SCKT TO M12 STRGHT PLG 2 LED                                                        |                    |                         |                    |
|  |  | APVD<br>A.VAN ZANDVOORT<br>30NOV2013   |  |                                                                                                       |                    |                         |                    |
|                                                                                       |  | PRODUCT SPEC<br>108-19483              |  |                                                                                                       |                    |                         |                    |
|                                                                                       |  | APPLICATION SPEC<br>114-32127          |  |                                                                                                       |                    |                         |                    |
| MATERIAL<br>-                                                                         |  | FINISH<br>-                            |  | SIZE<br>A2                                                                                            | CAGE CODE<br>00779 | DRAWING NO<br>C-2273125 | RESTRICTED TO<br>- |
|                                                                                       |  | WEIGHT                                 |  | CUSTOMER DRAWING                                                                                      |                    |                         |                    |
|                                                                                       |  |                                        |  | SCALE<br>NTS                                                                                          | SHEET<br>1 OF 1    | REV<br>A2               |                    |

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[2-2273125-3](#)