

|                              |                          |         |
|------------------------------|--------------------------|---------|
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| REVISIONS |     |               |           |     |      |
|-----------|-----|---------------|-----------|-----|------|
| P         | LTR | DESCRIPTION   | DATE      | DWN | APVD |
|           | A1  | ECR-14-015049 | 13OCT2014 | GSK | BvH  |
|           | A2  | ECR-16-003945 | 16MAR2016 | GSK | BvH  |

NOTES:

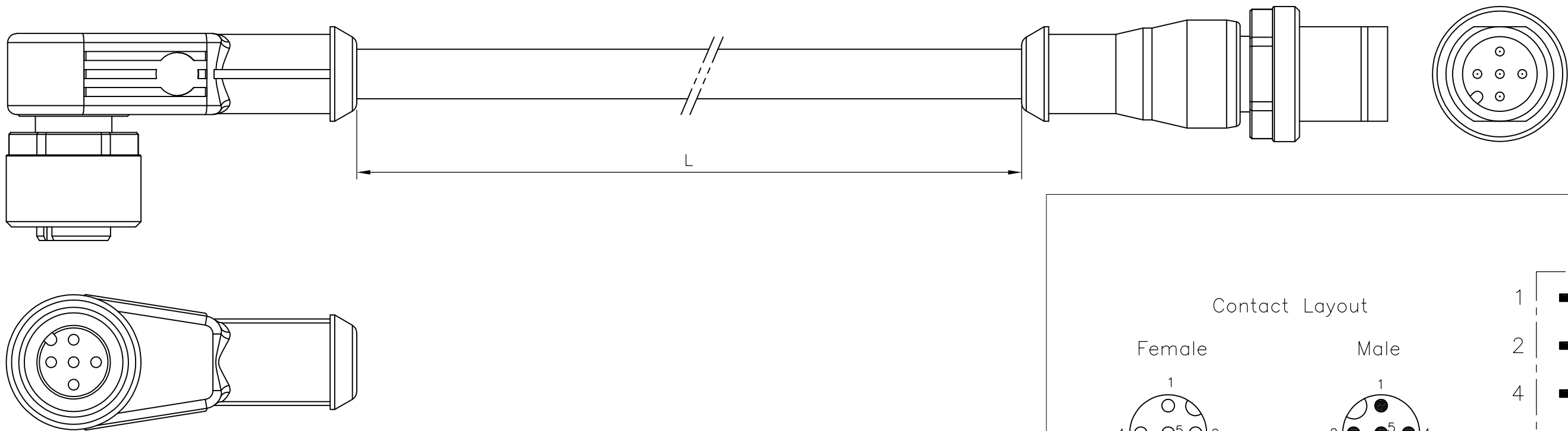
Tolerances cable lengths:

0m to 0.5m +30mm

0.5m to 1.0m +50mm

1.0m to 3.0m +100mm

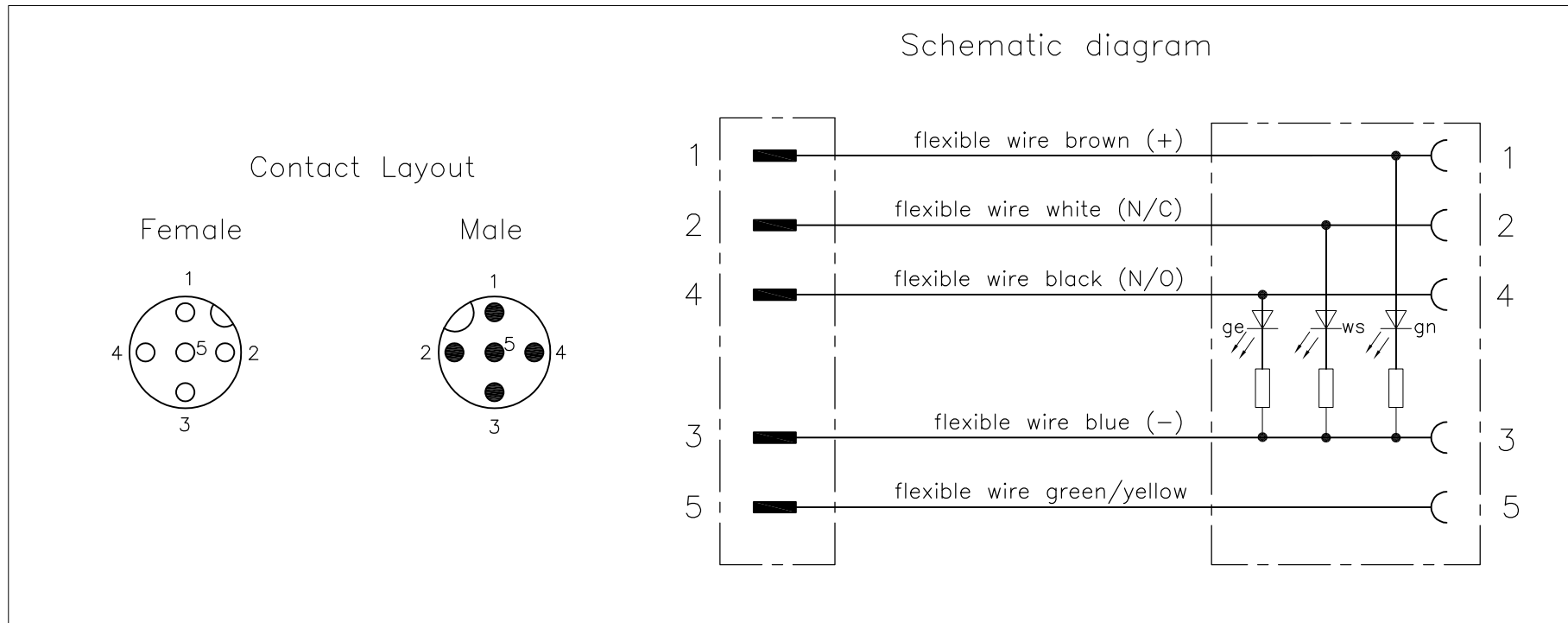
< 3.0m +1.5%



| 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      | 5 x 0.34 mm <sup>2</sup>   |
| Wire isolation             | PVC (br, wh, bl, bk, gnye) |
| C-track properties         | 2 million                  |
| Jacket                     | PUR/PVC                    |
| Outer diameter             | approx. 5.9 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      | 5 x 0.34 mm <sup>2</sup>         |
| Wire isolation             | PP (br, wh, bl, bk, gnye)        |
| C-track properties         | 10 million                       |
| Jacket                     | PUR (UL/CSA), welding spark res. |
| Outer diameter             | approx. 5.0 mm                   |
| Bend radius (moving)       | 10 x outer diameter              |
| Temperature range (fixed)  | -40...+90 °C                     |
| Temperature range (mobile) | -25...+90 °C                     |



|        |             |        |                      |              |             |                        |         |
|--------|-------------|--------|----------------------|--------------|-------------|------------------------|---------|
| 5      | pos         | 2.0mtr | SPARK<br>RESISTANT   | Black        | 3-2273127-5 | 5x22AWG SPARK RES 2.0m | 20      |
|        |             | 1.5mtr |                      |              | 3-2273127-4 | 5x22AWG SPARK RES 1.5m | 19      |
|        |             | 1.0mtr |                      |              | 3-2273127-3 | 5x22AWG SPARK RES 1.0m | 18      |
|        |             | 0.6mtr |                      |              | 3-2273127-2 | 5x22AWG SPARK RES 0.6m | 17      |
|        |             | 0.3mtr |                      |              | 3-2273127-1 | 5x22AWG SPARK RES 0.3m | 16      |
|        |             | 5      |                      |              | pos         | 2.0mtr                 | PUR/PVC |
| 1.5mtr | 2-2273127-4 |        | 5x22AWG PUR/PVC 1.5m | 14           |             |                        |         |
| 1.0mtr | 2-2273127-3 |        | 5x22AWG PUR/PVC 1.0m | 13           |             |                        |         |
| 0.6mtr | 2-2273127-2 |        | 5x22AWG PUR/PVC 0.6m | 12           |             |                        |         |
| 0.3mtr | 2-2273127-1 |        | 5x22AWG PUR/PVC 0.3m | 11           |             |                        |         |
|        | LENGTH"L"   |        | MATERIAL             | JACKET COLOR |             | TE PN                  |         |

| TECHNICAL DATA                |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| Operating voltage             | 24 V DC ±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      | 5 x 0.34 mm <sup>2</sup>  |
| Wire isolation             | PP (br, wh, bl, bk, gnye) |
| C-track properties         | 5 million                 |
| Jacket                     | PUR (UL/CSA)              |
| Outer diameter             | approx. 5.0 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      | 5 x 0.34 mm <sup>2</sup>   |
| Wire isolation             | PVC (br, wh, bl, bk, gnye) |
| C-track properties         |                            |
| Jacket                     | PVC (UL/CSA)               |
| Outer diameter             | approx. 5.2 mm             |
| Bend radius (moving)       | 10 x outer diameter        |
| Temperature range (fixed)  | -30...+80 °C               |
| Temperature range (mobile) | -5...+80 °C                |

|           |           |        |                  |              |             |                  |     |
|-----------|-----------|--------|------------------|--------------|-------------|------------------|-----|
| 5         | pos       | 2.0mtr | PVC              | Black        | 1-2273127-5 | 5x22AWG PVC 2.0m | 10  |
|           |           | 1.5mtr |                  |              | 1-2273127-4 | 5x22AWG PVC 1.5m | 9   |
|           |           | 1.0mtr |                  |              | 1-2273127-3 | 5x22AWG PVC 1.0m | 8   |
|           |           | 0.6mtr |                  |              | 1-2273127-2 | 5x22AWG PVC 0.6m | 7   |
|           |           | 0.3mtr |                  |              | 1-2273127-1 | 5x22AWG PVC 0.3m | 6   |
|           |           | 5      |                  |              | pos         | 2.0mtr           | PUR |
| 1.5mtr    | 2273127-4 |        | 5x22AWG PUR 1.5m | 4            |             |                  |     |
| 1.0mtr    | 2273127-3 |        | 5x22AWG PUR 1.0m | 3            |             |                  |     |
| 0.6mtr    | 2273127-2 |        | 5x22AWG PUR 0.6m | 2            |             |                  |     |
| 0.3mtr    | 2273127-1 |        | 5x22AWG PUR 0.3m | 1            |             |                  |     |
| LENGTH"L" |           |        | MATERIAL         | JACKET COLOR |             | TE PN            |     |

|                                                                                       |  |                                        |  |                                                                                                       |  |        |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------|--|-------------------------------------------------------------------------------------------------------|--|--------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  | DWN<br>YATHISH.C<br>02DEC2013          |  |  TE Connectivity |  |        |  |
|                                                                                       |  | CHK<br>B.VELDHOFEN<br>02DEC2013        |  |                                                                                                       |  |        |  |
| DIMENSIONS:                                                                           |  | TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | NAME<br><br>M12 ANGLD SCKT TO M12 STRGHT PLG 3 LED                                                    |  |        |  |
| mm                                                                                    |  |                                        |  |                                                                                                       |  |        |  |
|  |  | 0 PLC ± -                              |  |                                                                                                       |  |        |  |
|                                                                                       |  | 1 PLC ± -                              |  |                                                                                                       |  |        |  |
|                                                                                       |  | 2 PLC ± -                              |  |                                                                                                       |  |        |  |
|                                                                                       |  | 3 PLC ± -                              |  |                                                                                                       |  |        |  |
|                                                                                       |  | 4 PLC ± -                              |  |                                                                                                       |  |        |  |
| ANGLES ± -                                                                            |  |                                        |  |                                                                                                       |  |        |  |
| MATERIAL                                                                              |  | FINISH                                 |  | SIZE                                                                                                  |  |        |  |
| -                                                                                     |  | -                                      |  | A2 00779                                                                                              |  |        |  |
|                                                                                       |  |                                        |  | DRAWING NO                                                                                            |  |        |  |
|                                                                                       |  |                                        |  | G-2273127                                                                                             |  |        |  |
|                                                                                       |  |                                        |  | RESTRICTED TO                                                                                         |  |        |  |
|                                                                                       |  |                                        |  | -                                                                                                     |  |        |  |
| CUSTOMER DRAWING                                                                      |  |                                        |  | SCALE                                                                                                 |  | SHEET  |  |
|                                                                                       |  |                                        |  | NTS                                                                                                   |  | 1 of 1 |  |
|                                                                                       |  |                                        |  |                                                                                                       |  | REV    |  |
|                                                                                       |  |                                        |  |                                                                                                       |  | A2     |  |

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