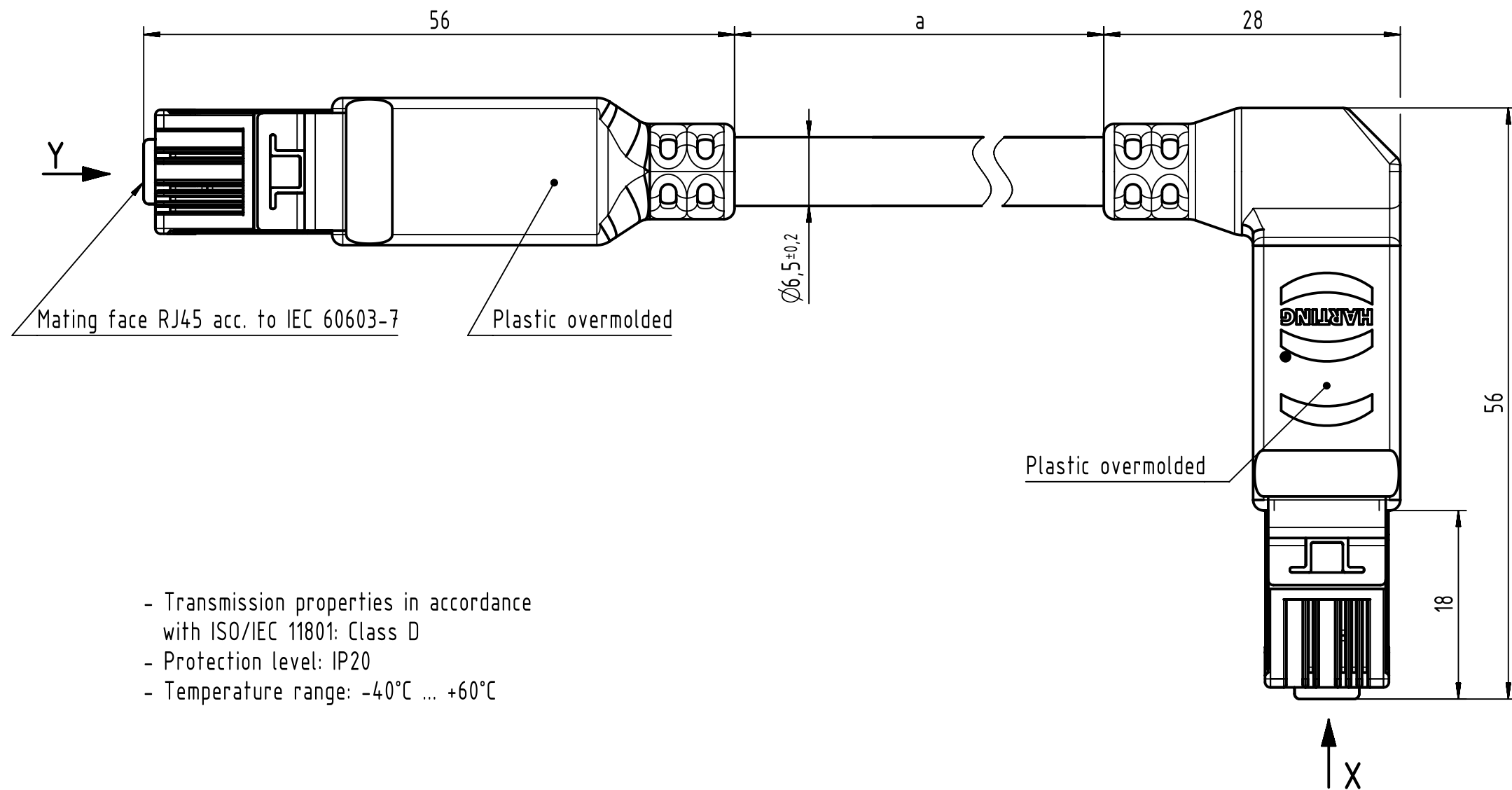
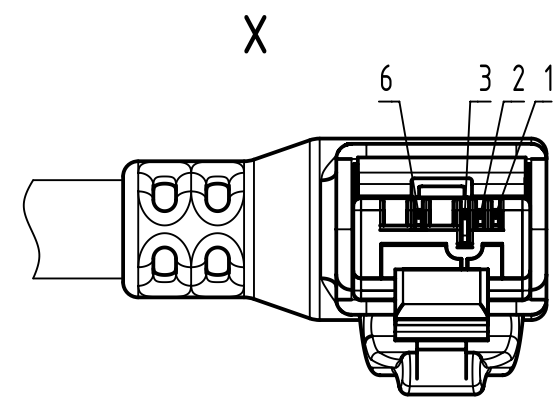
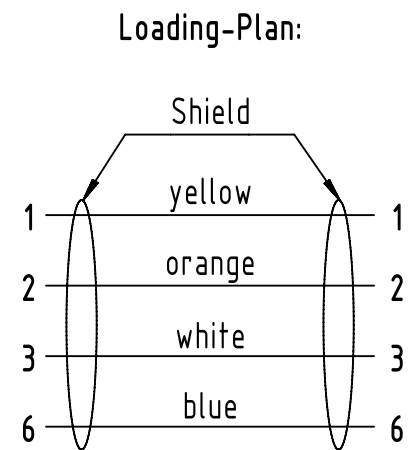
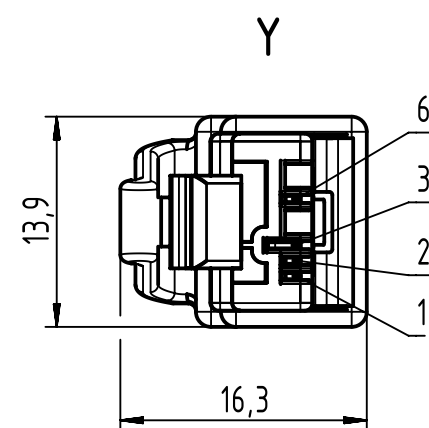
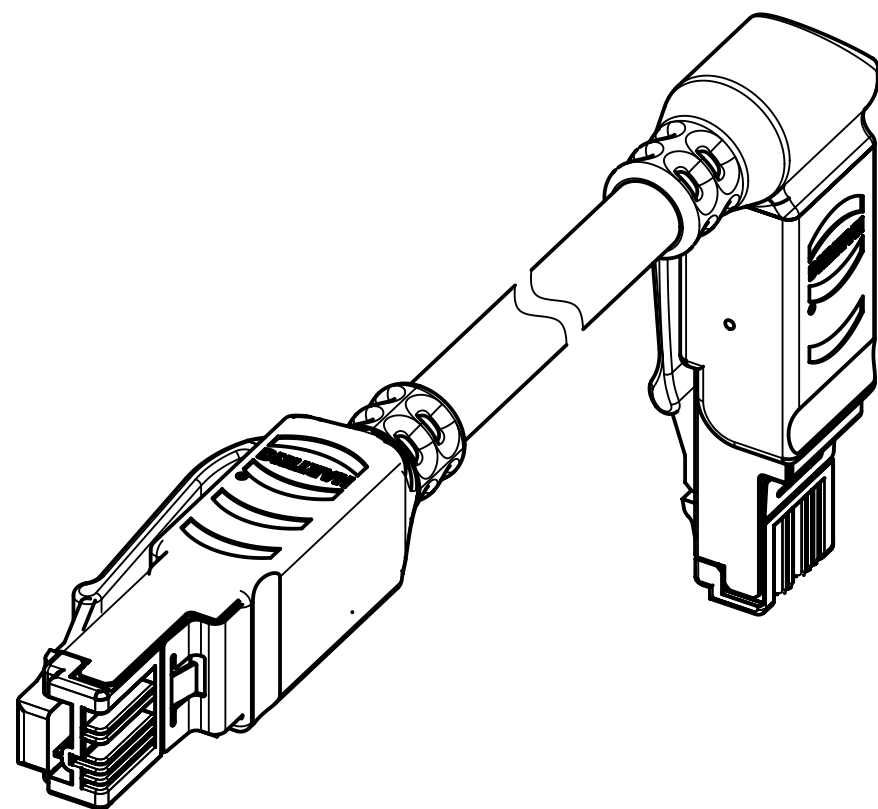




- Transmission properties in accordance with ISO/IEC 11801: Class D
- Protection level: IP20
- Temperature range: -40°C ... +60°C



|                                                                                       |  |                                              |  |                                       |  |                       |  |                             |  |                    |  |                                                          |  |             |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------------|--|---------------------------------------|--|-----------------------|--|-----------------------------|--|--------------------|--|----------------------------------------------------------|--|-------------|--|
|  |  | All Dimensions in mm<br>Original Size DIN A3 |  | Scale<br>2:1                          |  | Free size tol.        |  | Ref.                        |  |                    |  |                                                          |  |             |  |
|                                                                                       |  |                                              |  |                                       |  |                       |  | Sub.                        |  |                    |  |                                                          |  |             |  |
|  |  | All rights reserved                          |  | Created by<br>TAMAS                   |  | Inspected by<br>AVRAM |  | Standardisation<br>HOFFMANN |  | Date<br>2013-11-05 |  | State<br>Final Release                                   |  |             |  |
| HARTING Electronics GmbH<br>D-32339 Espelkamp                                         |  | Department EC PD - RO                        |  | Title<br>RJ Industrial cable assembly |  |                       |  |                             |  |                    |  | Doc-Key / ECM-Nr.<br>100155365/UGD/004/A<br>500000068146 |  |             |  |
|                                                                                       |  |                                              |  | Type<br>TB                            |  | Number<br>09470502XXX |  |                             |  |                    |  | Rev.<br>A                                                |  | Page<br>1/2 |  |
|                                                                                       |  |                                              |  |                                       |  |                       |  |                             |  |                    |  |                                                          |  |             |  |

|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  |           |  |  |  |             |  |  |  |               |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|----------------------------------------------|--|--|--|----------------------------------------------------------|--|--|--|-----------------------|--|--|--|-----------------------------|--|--|--|------------------------------|--|--|--|-----------|--|--|--|-------------|--|--|--|---------------|--|--|--|-----------|--|--|--|-----------------------------------------------|--|--|--|----------------------------------------------|--|--|--|
| 1                                            |  |  |  | 2                                                        |  |  |  | 3                     |  |  |  | 4                           |  |  |  | 5                            |  |  |  | 6         |  |  |  | 7           |  |  |  | 8             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
| A                                            |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  | 4xAWG 22/7, outdoor, Cat. 5  |  |  |  | 91        |  |  |  | 09470502088 |  |  |  | 100           |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 90        |  |  |  | 09470502087 |  |  |  | 90            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 89        |  |  |  | 09470502086 |  |  |  | 80            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 88        |  |  |  | 09470502085 |  |  |  | 70            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 87        |  |  |  | 09470502084 |  |  |  | 60            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 86        |  |  |  | 09470502083 |  |  |  | 50            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 85        |  |  |  | 09470502082 |  |  |  | 40            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 84        |  |  |  | 09470502081 |  |  |  | 30            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 83        |  |  |  | 09470502080 |  |  |  | 20            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 82        |  |  |  | 09470502079 |  |  |  | 15            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
| B                                            |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  | 4xAWG 22/7, stranded, Cat. 5 |  |  |  | 39        |  |  |  | 09470502038 |  |  |  | 40            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 38        |  |  |  | 09470502037 |  |  |  | 30            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 37        |  |  |  | 09470502036 |  |  |  | 20            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 36        |  |  |  | 09470502035 |  |  |  | 15            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 35        |  |  |  | 09470502034 |  |  |  | 10            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 34        |  |  |  | 09470502033 |  |  |  | 9             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 33        |  |  |  | 09470502032 |  |  |  | 8             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 32        |  |  |  | 09470502031 |  |  |  | 7             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 31        |  |  |  | 09470502030 |  |  |  | 6             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 30        |  |  |  | 09470502029 |  |  |  | 5             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
| C                                            |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  | 4xAWG 22/1, solid, Cat. 5    |  |  |  | 28        |  |  |  | 09470502027 |  |  |  | 3             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 27        |  |  |  | 09470502026 |  |  |  | 2             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 26        |  |  |  | 09470502025 |  |  |  | 1,5           |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 25        |  |  |  | 09470502024 |  |  |  | 1             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 24        |  |  |  | 09470502091 |  |  |  | 0,8           |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 23        |  |  |  | 09470502023 |  |  |  | 0,5           |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 22        |  |  |  | 09470502022 |  |  |  | 100           |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 21        |  |  |  | 09470502021 |  |  |  | 90            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 20        |  |  |  | 09470502020 |  |  |  | 80            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 19        |  |  |  | 09470502019 |  |  |  | 70            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
| D                                            |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  | 4xAWG 22/7, trailing, Cat. 5 |  |  |  | 18        |  |  |  | 09470502018 |  |  |  | 60            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 17        |  |  |  | 09470502017 |  |  |  | 50            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 16        |  |  |  | 09470502016 |  |  |  | 40            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 15        |  |  |  | 09470502015 |  |  |  | 30            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 14        |  |  |  | 09470502014 |  |  |  | 20            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 13        |  |  |  | 09470502013 |  |  |  | 15            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 12        |  |  |  | 09470502012 |  |  |  | 10            |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 11        |  |  |  | 09470502011 |  |  |  | 9             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 10        |  |  |  | 09470502010 |  |  |  | 8             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 9         |  |  |  | 09470502009 |  |  |  | 7             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
| E                                            |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  | 4xAWG 22/7, trailing, Cat. 5 |  |  |  | 8         |  |  |  | 09470502008 |  |  |  | 6             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 7         |  |  |  | 09470502007 |  |  |  | 5             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 6         |  |  |  | 09470502006 |  |  |  | 4             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 5         |  |  |  | 09470502005 |  |  |  | 3             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 4         |  |  |  | 09470502004 |  |  |  | 2             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 3         |  |  |  | 09470502003 |  |  |  | 1,5           |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 2         |  |  |  | 09470502002 |  |  |  | 1             |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | 1         |  |  |  | 09470502001 |  |  |  | 0,5           |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | Cont. no. |  |  |  | Part no.    |  |  |  | Type of cable |  |  |  | Dim. a[m] |  |  |  |                                               |  |  |  |                                              |  |  |  |
|                                              |  |  |  |                                                          |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  | F         |  |  |  |             |  |  |  |               |  |  |  |           |  |  |  | HARTING Electronics GmbH<br>D-32339 Espelkamp |  |  |  | All Dimensions in mm<br>Original Size DIN A3 |  |  |  |
| All rights reserved<br>Department EC PD - RO |  |  |  | Created by<br>TAMAS                                      |  |  |  | Inspected by<br>AVRAM |  |  |  | Standardisation<br>HOFFMANN |  |  |  | Date<br>2013-11-05           |  |  |  |           |  |  |  |             |  |  |  |               |  |  |  |           |  |  |  |                                               |  |  |  | State<br>Final Release                       |  |  |  |
| Title<br>RJ Industrial cable assembly        |  |  |  | Doc-Key / ECM-Nr.<br>100155365/UGD/004/A<br>500000068146 |  |  |  |                       |  |  |  |                             |  |  |  |                              |  |  |  |           |  |  |  |             |  |  |  |               |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |
| Type<br>TB                                   |  |  |  | Number<br>09470502XXX                                    |  |  |  | Rev.<br>A             |  |  |  | Page<br>2/2                 |  |  |  |                              |  |  |  |           |  |  |  |             |  |  |  |               |  |  |  |           |  |  |  |                                               |  |  |  |                                              |  |  |  |