

# Control cable NEBC-S2G36-K-0.5-N-C2W36-S7

Part number: 5105646

FESTO



 General operating condition

## Data sheet

| Feature                                              | Value                                |
|------------------------------------------------------|--------------------------------------|
| Cable designation                                    | Without inscription label holder     |
| Electrical connection 1, function                    | Field device side                    |
| Electrical connection 1, design                      | Angular                              |
| Electrical connection 1, connection type             | Plugs                                |
| Electrical connection 1, cable outlet                | Straight                             |
| Electrical connection 1, connector system            | SCSI                                 |
| Electrical connection 1, number of connections/cores | 36                                   |
| Electrical connection 1, used connections/cores      | 36                                   |
| Electrical connection 1, connection pattern          | 00995812                             |
| Electrical connection 2, function                    | Controller side                      |
| Electrical connection 2, design                      | Angular                              |
| Electrical connection 2, connection type             | Terminal strip                       |
| Electrical connection 2, cable outlet                | Straight                             |
| Electrical connection 2, connector system            | Screw terminal                       |
| Electrical connection 2, number of connections/cores | 36                                   |
| Electrical connection 2, used connections/cores      | 36                                   |
| electrical connection 2, type of mounting            | On H-rail                            |
| Electrical connection 2, connection pattern          | 00995839                             |
| Operational voltage range DC                         | 0 V ... 30 V                         |
| Operational voltage range AC                         | 0 V ... 30 V                         |
| Current rating at 40° C                              | 1.5 A                                |
| Immunity to surge                                    | 0.5 kV                               |
| Cable length                                         | 0.5 m                                |
| Cable characteristic                                 | Standard                             |
| Bending radius, fixed cable                          | ≥74 mm                               |
| Bending radius, moving cable                         | ≥110 mm                              |
| Cable diameter                                       | 7.4 mm                               |
| Cable structure                                      | 18 x 2 x 0.09 mm <sup>2</sup>        |
| Nominal cross section conductor                      | 0.09 mm <sup>2</sup>                 |
| Degree of protection                                 | IP20                                 |
| Note on degree of protection                         | In assembled state                   |
| Ambient temperature                                  | -40 °C ... 80 °C                     |
| CE mark (see declaration of conformity)              | In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity)         | To UK RoHS instructions              |
| LABS (PWIS) conformity                               | VDMA24364 zone III                   |
| Note on materials                                    | RoHS-compliant                       |

| Feature                        | Value                   |
|--------------------------------|-------------------------|
| Pollution degree               | 1                       |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| Material cable sheath          | PVC                     |
| Cable sheath colour            | Black                   |
| Material housing               | PBT                     |
| Housing colour                 | Green<br>Black          |
| Material insulating sheath     | PVC                     |