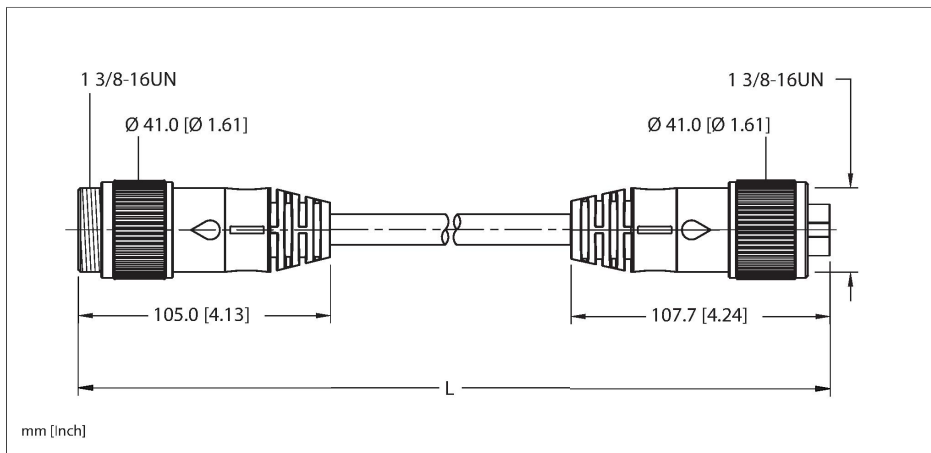


# GSDA GKDA 40-35M/S3276/S4000

## Power Cordset – Extension Cable



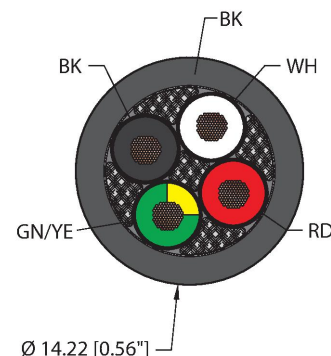
### Technische Daten

|                                 |                                                          |
|---------------------------------|----------------------------------------------------------|
| Type                            | GSDA GKDA 40-35M/S3276/S4000                             |
| ID                              | U-99341                                                  |
| Special version                 | S3276 = TPE Cable jacket material<br>S4000 = TC-ER cable |
| Connector A                     | Male, 1 3/8"-16 UN, Straight                             |
| Contacts                        | Brass, CuZn, Gold-plated                                 |
| Contact carriers                | Plastic, PVC, Black                                      |
| Connector body                  | Plastic, PVC, Black                                      |
| Coupling nut                    | Brass, CuZn, Nickel-plated                               |
| Protection class (When coupled) | IP67, IP68, IP69, IP69K                                  |
|                                 | NEMA: 1, 3, 4, 6P                                        |
| Connector B                     | Female, 1 3/8"-16 UN, Straight                           |
| Number of contacts              | 4                                                        |
| Contacts                        | Brass, CuZn, Gold-plated                                 |
| Contact carriers                | Plastic, PVC, Black                                      |
| Connector body                  | Plastic, PVC, Black                                      |
| Coupling nut                    | Brass, CuZn, Nickel-plated                               |
| Protection class (When coupled) | IP67, IP68, IP69, IP69K                                  |
|                                 | NEMA: 1, 3, 4, 6P                                        |
| Cable data                      |                                                          |
| Total number of conductors      | 4                                                        |
| Cable diameter                  | Ø 14.22 mm                                               |
| Length (L)                      | 35 m                                                     |
| Cable jacket                    | TPE, Black                                               |

### Features

- UL CE UK CA RoHS compliant IP67/IP68 IP69K DEGREE OF PROTECTION
- 1-3/8" Male, Straight, 4-pin
- 1-3/8" Female, Straight, 4-pin
- Power Tray/Exposed Run/Direct Burial Cable
- Black TPE jacket, 4X10 AWG
- Sunlight Resistant
- 40 Cold Bend Rating
- Oil Resistant
- Flame Ratings: UL 1685 FT4, UL 1061, CSA FT1, CSA FT4, IEC 60332-3-22

### Cable cross section



### Contact assignment

Technische Daten

|                                                                                                                                                                                      |                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| Conductor diameter                                                                                                                                                                   | 0.174 "                          |
| Conductor material                                                                                                                                                                   | BC (bare copper)                 |
| Conductor insulation material                                                                                                                                                        | PVC/Nylon (Nylon overcoat)       |
| Conductor size                                                                                                                                                                       | 4 x 10 AWG [Similar to 6.00 mm²] |
| Number of strands x O.D.                                                                                                                                                             | 105 x 30 AWG                     |
| Conductor colors                                                                                                                                                                     | WH, RD, GN/YE, BK                |
| Electrical properties at +20 °C                                                                                                                                                      |                                  |
| Rated voltage                                                                                                                                                                        | 600 V                            |
| Current                                                                                                                                                                              | 35 A                             |
| Mechanical and chemical properties                                                                                                                                                   |                                  |
| Bending radius (static)                                                                                                                                                              | ≥ 5 x Ø                          |
| Bending radius (dynamic)                                                                                                                                                             | ≥ 10 x Ø                         |
| UL cold bend rating                                                                                                                                                                  | -40 °C                           |
| Ambient temperature range (static)                                                                                                                                                   | -40...+90 °C                     |
| Ambient temperature range (dynamic)                                                                                                                                                  | -40...+90 °C                     |
| Temperature range (installation)                                                                                                                                                     | -20...+90 °C                     |
| Approval                                                                                                                                                                             |                                  |
| Approvals                                                                                                                                                                            | UL 2237<br>CE<br>UKCA<br>RoHS    |
| Note                                                                                                                                                                                 |                                  |
| - CAUTION: RISK OF ELECTRICAL SHOCK. DO NOT DISCONNECT UNDER LOAD.                                                                                                                   |                                  |
| - Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius. |                                  |
| - We reserve the right to make technical alterations without prior notice.                                                                                                           |                                  |

