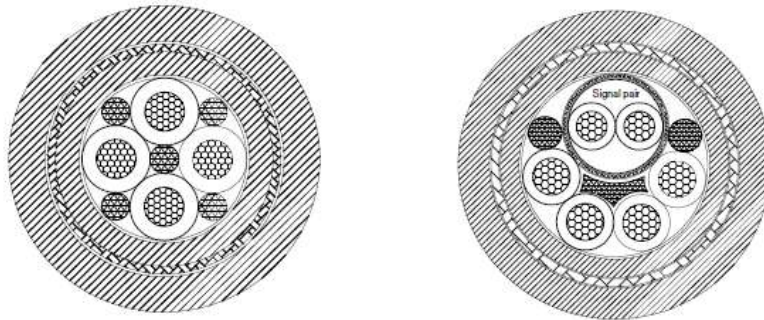


Only for internal use

Motor cables with/without signal pair

UL Style 20234 80°C 600V

Drawing



Mechanical characteristics

| | |
|--------------------------------------|---------------------------------------|
| Min. bending radius | |
| Static application | 5 x D |
| Dynamic application | 7,5 x D |
| Temperature range | |
| Static application | -40°C +90°C (IEC) -40°C +80°C (UL) |
| Dynamic application | -20°C +90°C (IEC) -20°C +80°C (UL) |
| Min. Number of bending cycles | 2.000.000 |

Electrical characteristics at 20°C

| | | |
|--|---|--------------|
| Insulation resistance | ≥ 20 MΩ x km | EN 50289-1-4 |
| Working voltage | 600 V | EN 50289-1-2 |
| Test voltage | Cond/Cond: 4000V, Cond/Shield: 2000V | EN 50289-1-3 |
| Current rating (where applicable) | IEC 60364-5-52 TAB B. 52.12 Method E ** for different correction factors refer to the tables in IEC 60364-5-52 | |

Issued: GC
Approved: AG
Date: 12/03/2014

Rev. nr.: 6
Object: Updated File number in marking

Rev. issued: GC
Rev. approved: AG
Rev. date: 28/02/2017

Encoder cable

Cable type: ((1x2x0.14 mmq)St + 1x2x0.34 mmq)StC - PUR

Csw code: X8000049309

Sheath Polyurethane compound, polyether based, oil resistant, flame-retardant, according to UL Style 20233 80°C
Colour code: Black Ral 9005
Overall diameter: 5.5 ± 0.4 mm

Marking Schneider Electric encoder cable 1x2x0.14 + 1x2x0.34 QMM - E132956 UR AWM STYLE 20233 80°C 300V [ww/yy]

[wwyy] = week / year of production

GENERAL PROPERTIES

Minimum bending radius 10 x D (Dynamic)
5 x D (Static)

Temperature range - 40°C + 80°C (Static application)
- 20°C + 80°C (Dynamic application)

Working voltage 300 V

Test voltage 2000 V (C/C)
1000 V (C/S)

Conductor resistance 0.14 mmq - 138 Ω/Km max at 20°C
0.34 mmq - 57 Ω/Km max at 20°C

Insulation resistance 20 MΩxKm at 20°C

Flame resistance According to IEC 60332.1

Oil resistance According to EN 60811-2-1

Min. number of bending cycles 2.000.000