



DEVICE NET THICK THIN

DeviceNet Thick & Thin

1

Technical Data:

- **Conductor material** copper, bare
- **Outer sheath** PUR
- **Sheath colour** Violet (RAL 4001)
- **Rated voltage [V]** 300
- **Testing voltage [V]** 1500
- **Conductor resistance** Thin (Schleife) 45 Ω / km Thick (Schleife) 180 Ω / k
- **Min. bending radius fixed [xd]** 8xd
- **Min. bending radius moved [xd]** 15 x d
- **Insulation resistance** 120 Ohm
- **Working temp fixed min/max [C]** -30°C up to +80/ -40 up to +80
- **Working temp moved min/max [C]** -30°C up to +70/ -5 up to +70
- **Burning behaviour** IEC 60332-1-2: flame-retardant

Approvals

ISO 1189 8, UL /CSA Typ CMX (UL 44)

Construction:

- Outer sheath: polyurethane (PUR)
- Mantel: polyvinylchloride (PVC)
- Sunlight resistance

Application:

Device Net, a bus system developed by Allen Bradley (Rockwell Automation) connects industrial devices (e.g. limit switches, variable frequency drives, motor starters, valve islands, PLCs). The Device Net communication link is based on proven CAN technology.

Part Number	No of cores x Cross section	Outer Ø ca. mm	Copper weight kg /100	Weight 100 kg/100
202170025 P	1 x 2 x AWG24 + 1x 2 x AWG 22 THIN	6.90	3.34	6.77
202170341 UL	1 x 2 x AWG24 + 1x 2 x AWG 22 THIN	6.90	3.34	6.77
202170252 P#UL	1 x 2 x AWG18 + 1x 2 x AWG 15 THICK	12.20	9.40	18.40
202170362	1 x 2 x AWG18 + 1x 2 x AWG 15 THICK	12.20	9.40	19.50

DEVICE NET THICK THIN FRNC

Fixed Installation

Technical Data:

- **Conductor material** Copper, tinned
- **Outer sheath** FRNC
- **Sheath colour** Violet (RAL 4001)
- **Rated voltage [V]** 300
- **Conductor resistance** Thin (Schleife) 45 Ω / km Thick (Schleife) 180 Ω / k
- **Min. bending radius fixed [xd]** 15 x d
- **Insulation resistance** 120 Ohm
- **Working temp fixed min/max [C]** -25°C bis +80°C
- **Burning behaviour** IEC 60332-1-2: flame-retardant

Approvals

CMG UL/CSA-certification 75°C oder PLTC, Sun Res

Construction:

- Outer sheath: FRNC
- Core Insulation: Foam Skin
- Tinned copper braid with drain wire
- UV-resistant

Application:

Device Net, a bus system developed by Allen Bradley (Rockwell Automation) connects industrial devices (e.g. limit switches, variable frequency drives, motor starters, valve islands, PLCs). The Device Net communication link is based on proven CAN technology.

Part Number	No of cores x Cross section	Outer Ø ca. mm	Copper weight kg /100	Weight 100 kg/100
202170341	1 x 2 x AWG 24 +1 x 2 x AWG 22	6.90	3.34	6.95
202170340	1 x 2 x AWG 18 +1 x 2 x AWG 15	12.20	8.28	19.50