

**SERIES  
78000**

## DRIVE-CLiQ data transmission cables



Fixed application

cULus

RoHS

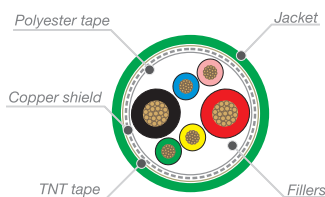
CE UK CA



### Use

The DRIVE-CLiQ data communication cable for fixed application is used in connection of industrial equipment. DRIVE-CLiQ is an open encoder interface that allows users to select the right measuring system for their application. With this interface it is possible to connect encoders to magnetic/inductive, magnetostrictive sensors, lasers measuring systems. This cable, made of a polyurethane jacket, grants very good mechanical performance, oil and flame resistance.

Information. An additional UL certified cut-to-length service is carried out on request ("Processed Wire").



### Technical data

Characteristics	Value/property
Conductor	Bare copper. Conductors 0,14 mm <sup>2</sup> (7x0,16 mm) acc. to VDE 0295 Cl.5. Conductors 0,35 mm <sup>2</sup> (7x0,254 mm) acc. to VDE 0295 Cl.2.
Insulation	TKblend®-YP
Conductors	Twisted, red/black colors (0,35 mm <sup>2</sup> ), yellow/green and pink/blue (0,14 mm <sup>2</sup> )
Inner taping	PET tape under shield
Shield	Tinned copper braid, nom. coverage 85%
Outer taping	TNT tape over shield
Jacket	PUR, oil-resistant and flame-resistant. Similar to RAL 6018 green color.
Temperature range	-50°C, +80°C (fixed); -25°C, +80°C (not fixed)
Voltage rating	300 V
Test voltage	1500 V x 1 min
Bending radius	5 x cable outer diameter (fixed), 10 x cable outer diameter (not fixed)
Standards of construction	Flame res.: UL FT1   Oil res.: EN 50363-10   Other: IEC 60754-1, EN 50267-2-1, VDE 0472-815, UL 1581, EN 50396, UL 758, CSA AWM I/II A/B, cURus AWM Style 20233
Standards of use	ANSI/NFPA 79, UL 508a, CSA C22.1 (CE Code), CSA C22.2 No.286, Style 20233

### Marking

TEKIMA 78000 – CE (2x2x0,14+2x0,35) mm<sup>2</sup> 80°C 300 V – c(UR)us E314444 AWM Style 20233 (2x2x26+2x22) AWG 80°C 300 V AWM Class I/II A/B FT1 – (prod.reference) = (metric) =

### Coding and dimensions

Code	Num. conductors x Size [mm <sup>2</sup> ]	Num. conductors x Size [AWG]	Diameter [mm (inch)]	Weight [kg/km (lb/ft)]
CVFD0001_78000_VE	(2x2x0,14+2x0,35)	(2x2x26+2x22)	6,8 (0.268)	65 (44)