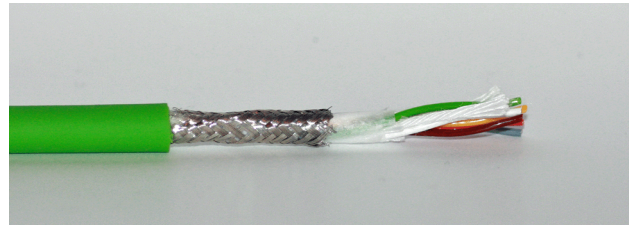


DESCAFLEX C-300 UL Drive

Feedback cables PVC, shielded, DESINA, UL 2464 CSA

Application

In static applications as feedback and encoder cables for servo motors and the connection of encoders, tachometers and brakes.



Construction

Flexible bare copper conductors according to IEC 60228, class 5
Insulation PVC, colour coded for specific system
Cores twisted to pairs respectively laid up in lays
Elements laid up, Foil tape over it
Pairs partial individually shielded, foil tape over it
Shielded by a tinned copper braid, coverage ca. 85 %
Sheath PVC green, RAL 6018

Special Characteristics

The cables are oil resistant according to VDE 0472 - 803 A/B and HD 22.10 S1 and UL 1581. They are flame retardant according to IEC 60332-1, UL VW-1 and CSA FT1 as well. The PVC outer sheath is especially abrasion resistant and suitable to be used in contact with coolants, lubricants and aggressive chemicals.

Technical Properties

Rated voltage U ₀ /U	300 / 300 V
Test voltage	1500 V
Insulation resistance	20 MOhm x km
Temperature range	- 5°C ... + 80°C
- static installation	- 30°C ... + 80°C
Minimum bending radius	10 x cable diameter

Standards / Approvals

UL AWM Style 2464 80°C 300 V
CSA AWM I/II A/B 80°C 300V FT1

DESINA

Part Number	Type n x mm ²		Overall-Ø ca. mm	Copper kg/km	Weight kg/km
- Heidenhain system					
219332	DESCAFLEX C-300 UL Drive (10x0,14 mm ² + 2x0,50 mm ²)	gn	7.90	45.00	69.00
219338	DESCAFLEX C-300 UL Drive (10x0,14 mm ² + 4x0,50 mm ²)	gn	8.10	55.00	84.00
219344	DESCAFLEX C-300 UL Drive (3x(2x0,14 mm ²) + 2x(0,50 mm ²))	gn	8.10	61.00	103.00
219350	DESCAFLEX C-300 UL Drive (4x2x0,14 mm ² + 4x0,50 mm ²)	gn	8.60	54.00	105.00
- Bosch Indramat system					
219392	DESCAFLEX C-300 UL Drive (9x0,50 mm ²)	gn	8.80	67.00	126.00
- Siemens system					
219428	DESCAFLEX C-300 UL Drive (4x2x0,38 mm ² + 4x0,50 mm ²)	gn	9.10	75.00	133.00
219446	DESCAFLEX C-300 UL Drive (3x(2x0,14 mm ²) + 4x0,14 ² + 2x0,50 mm ²)	gn	8.90	62.00	120.00
- Lenze system					
219493	DESCAFLEX C-300 UL Drive 3x(2x0,14 mm ²) + (3x0,14 mm ²)	bk	8.50	38.50	115.00

gn = green

bk = black

Packaging

cut to desired length