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 DRX22Q01P - V3  
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## CONTACT

Market information  
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Profinet cable with pur jacket for drag chain applications, shielded, oil resistant  
 MOTIONLINE® ADVANCED

## STANDARDS

Product UL and CSA approval

Profinet cable with pur jacket for drag chain applications, shielded, oil resistant,  
 UL CMX approval

### Application

Profinet cables are designed for Data networks in industrial environments.  
 Profinet Type C cables are made for dynamic applications

### Construction

1. Conductor: bare copper AWG22/7
2. Insulation: Polyolefin compound  
 Four insulated conductors twisted to a quad.
3. Inner jacket - Bedding TPE - O
4. Screen: ALU/PET foil  
 Alu outside
5. Tinned copper braid
6. Jacket: See products

### Environment

Designed to reduce the environmental impact, Nexans cables are compliant with  
 RoHS 2011/65 Directive and European Reach 1907/2006/EC regulation.



Operating temp.  
 -30 ... 80 °C



Storage temperature, range  
 -40 ... 80 °C



IEC 60332 - 1



Oil resistance  
 EN 60811 - 2 - 1

### CHARACTERISTICS

	1x(4xAWG22/7)
Insulation colour	White, Orange, Blue, Yellow TPE - O
Taping	Polyester / Alu tape (Alu outside)
Shielding	80% tinned copper braid coverage
Separator	Non woven tape Polyurethane compound
Sheath colour	Green RAL 6018
Nominal outer diameter	6.6 mm
Copper content	28 kg/km
( )	72 kg/km
Rated Voltage Uo/U	300 V 2500 V
Characteristic impedance	100 Ohm
Transmission characteristics	
Attenuation, max. 1 MHz	3.2 dB/1000m
Attenuation at 4 MHz	6.5 dB/100m
Attenuation, max. 10 MHz	9.9 dB/100m
Attenuation, max. 16 MHz	12.3 dB/100m
Attenuation, max. 20 MHz	13.8 dB/100m
Attenuation, max. 100 MHz	33.00 dB/100m
Bending cycles	3 Mio.
Speed	200 m/min
Maximum acceleration	4 m/s <sup>2</sup>
Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
操作度范	- 30 ... 80 ° C
Storage temperature, range	- 40 ... 80 ° C
	IEC 60332 - 1
Oil resistance	EN 60811 - 2 - 1