

Instrumentation 300V 4x18 AWG Overall Shielded PVC Cable

BC/CL2/PVC/OFS/PVC/300V/90C

INSTRUMENTATION & SIGNAL

P/N 8N8P104101

INDUSTRY

Applications

Process control industry, Hazardous areas, Class 1 Division 2



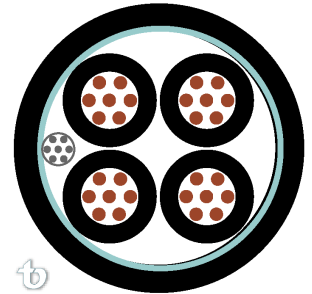
Outer Jacket Material
UV resistant FR-PVC



Outer diameter
7.2 mm nom.



Weight
85 kg/km



General Construction

4-18 AWG PVC insulated wires, cabled together, overall aluminum-foil shielded and PVC jacketed.

Design & Materials

Conductor Material	Annealed Bare Copper
Conductor Size (AWG)	18
Conductor Construction	7x0.40 mm
Insulation Material	PVC
Insulation Thickness (mm)	0.4
Insulation O.D. (mm nom)	2.0
Conductor Color Code	Black, numbered
Overall Shield Design	100% Coverage
Overall Shield Material	Aluminum/Polyester Foil
Overall Foil Thickness (µm)	23
Overall Drain-wire Material	Annealed Tinned Copper
Overall Drain-Wire Size (AWG)	18
Overall Drain-wire Construction	Stranded
Total Number Of Conductors	4
Outer Jacket Thickness (mm nom)	1.2
Outer Jacket Color	Black
Marking	Per request

Instrumentation 300V 4x18 AWG Overall Shielded PVC Cable
BC/CL2/PVC/OFS/PVC/300V/90C
P/N 8N8P104101

INDUSTRY

Performance

Max. DC Resistance (Ω /km@20°C)	22.0
Dielectric Strength (V/minute)	2000
Voltage Rating (V)	300
Min. Bend Radius (mm)	45
Min. Operating Temperature (°C)	-30
Max. Operating Temperature (°C)	+90
UV Resistance	Yes

Standards

Flammability Rating
IEC 60332-1
UL 1581 VW-1

Applicable Standards
RoHS 3 2015/863/EU



Teldor Cables & Systems Ltd. ("Teldor") reserves the right to make changes to the products described in this catalog without prior notice. Teldor does not assume any liability which may occur due to the use of the products described herein. Drawings may not be to scale and are provided for general and informational purposes only. The information contained in this catalog is the proprietary property of Teldor, and may not be used, reproduced or disclosed to others, in whole or in part, without the written authorization of Teldor.

Version 1.6 | Last update: 2020-02-25