

INSTROLEX® Instrumentation

INSTRM'N CS 0.5 X 2 PR

Contact

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Nexans Ref.: IEC383AA002CXAA

Country Ref.: 7908

Tinned annealed Cu conductors (AS/NZS 1125), V-90 PVC insulation (AS/NZS 3808), Twisted pairs or triples, Al/polyester screen, Stranded tinned annealed Cu drain wire, Rip cord, 5V-90 Black PVC sheath (AS/NZS 3808).

DESCRIPTION

Application

Instrolex Instrumentation cables are required to transmit 'clean' signals within industrial environments, often where there is a high level of electromagnetic interference through potentially hazardous areas. In order to achieve accurate process control, it is important that signals to and from machines are uncorrupted.

Note:

0.5mm² (7/0.30mm) is equivalent to 20 AWG

1.5mm² (7/0.50mm) is equivalent to 16 AWG

MTO: Made to Order.



STANDARDS

International IEC 60332-1;
IEC 60332-3 Cat.A

National AS/NZS 1125; AS/
NZS 3808



Bending factor installed
6 (xD)



Flame retardant
Yes



Maximum operating temperature
90 °C

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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CHARACTERISTICS

Construction characteristics

Screen	Overall screen
Conductor material	Stranded tinned copper
Insulation	PVC
Individual screen	Aluminium / Polyester tape
Overall screen	Annealed tinned copper drain wire + aluminium/ polyester tape
Outer sheath	PVC

Dimensional characteristics

Conductor cross-section	0.5 mm ²
Number of pairs	2
Number of triples	-
Nominal overall diameter	8.2 mm
Approximate weight	0.07 kg/m
Gland Size (A2 or A2F)	20S
Nominal diameter of wires	0.3 mm
Number of wires per conductor	7

Electrical characteristics

Maximum operating voltage	110 VAC / 150 VDC
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Usage characteristics

Bending factor when installed	6 (xD)
Category	In Stock
Flame retardant	Yes
Maximum operating temperature	90 °C