



ARCOCAVI

Per informazioni commerciali rivolgersi a:
ARCOCAVI S.r.l.
via al Peslago, 36
22048 - Oggiono (LC)
Tel. +39 0341 576519
Fax +39 0341 579498
Email info@arcocavi.com

Technical Data

**ARCO - EXTRAFLEX H3 - H4 PVC-PVC
EXTRA-FLEXIBLE EMC SHIELDED CABLES
FOR INTERCONNECTION OF HEIDENHAIN
9-POLES MEASURING SYSTEMS**

Application

Data transmission
Interconnection for Heidenhain 9-poles measuring systems
Measuring systems
Dynamic applications

Type of cable

Type Code	Formation x mm ²
H3 H3BH8RDC	3 x (2 x 0,14) + 2 x 0,50
H4 H4BK8RDC	3 x (2 x 0,14) + 2 x 1

Constructional characteristics

Conductor stranding:
extra-flexible class 6 acc. Standards
VDE 0295 - IEC 228 - CEI 20-29

Primary insulation: special PVC compound
according IEC - VDE - CEI

Cores identification: pairs 0,14 mm²:
YE-GN - PK-GY- RD-BU
cond. 0,5 / 1 mm²: WH - BN

EMC shield: tinned copper braid covering 85%
on pairs and on conductors:
tinned copper spiral coverage 100%

Taping: special tape

Jacket: special PVC compound
colour black RAL 9005 or grey RAL 7001

Technical characteristics and ratings

Service voltage: 250 V
Test voltage: 1500 V
Insulation resistance: ≥ 20 Mohm x km (at 20°C)
Capacitance: abt. 195 pF/m (cond./cond.)
Temperature: service from -10°C to +80°C
storage from -30°C to +80°C
Min. bending radius: 100 mm
Translation speed: 120 m/min.
Max. acceleration: 4 m/s²
Oil resistance: VDE 0472-803-B (ASTM2 oil)
CNOMO E.03.40.150N-NFT46-013
(for resistance to industrial oils)
Standards: UL - CSA on request