



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 S4 PETP - PUR
EXTRA-FLEXIBLE EMC SHIELDED
CABLES FOR SUPPLY OF SIEMENS
TACHYMETER DYNAMO**

Application

Data transmission
Siemens tachymetric connection
Dynamic applications
Robotics

Constructional characteristics

Conductor stranding:

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

Primary insulation: PETP polyester terephthalate

Cores identification: WH-BN-GN-YE-GY-WH/BN
OG-BU-RD-BK-VT-WH/BK

EMC shield: tinned copper braid covering $\geq 85\%$

Taping: special tape

Jacket: special PUR compound abrasion-free
colour petrol RAL 5018
on request: special PVC compound

Type of cable

Code
S4D12MXC

Formation x mm²
12 x 0,23

Technical characteristics and ratings

Service voltage: 250 V

Test voltage: 1500 V

Insulation resistance: ≥ 100 Mohm x km (at 20°C)

Temperature: service from -10°C to +110°C
storage from -30°C to +80°C

Min. bending radius: 70 mm

Translation speed: 180 m/min

Max. acceleration: 7 m/s²

Flame resistance: VDE 0472-804 B - IEC 332.1 - CEI 20-35

Oil resistance: VDE 0472-803-B (ASTM2 oil)
CNOMO E.03.40.150N-NFT46-013
(for resistance to industrial oils)

Halogen-free version: VDE 0472-815