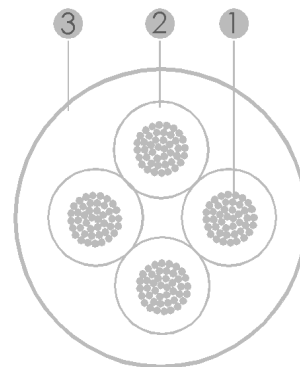


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Cavo energia SUB4 AD8 Power cable SUB4 AD8



SCHEMATIC DRAWINGS



APPLICAZIONI APPLICATIONS

Cavo multipolare e flessibile con isolamento e guaina in PVC idoneo per cablaggio di pompe sommerse in acque reflue, in particolare, di impianti di depurazione/clorazione e sistemi di raccolta di "acque nere" di impianti civili ed industriali. Idoneo anche per immersione, sino a 10 metri, in acqua di mare.

Multi-core PVC jacketed and insulated flexible cable that is intended for wiring of permanently submersed pumps in wastewater, in particular for connection of pumps either for depuration and chlorination systems or in wastewater (black water) collection systems of civil and industrial plants. It is suitable also for sea water immersion, up to 10 m of depth.

COSTRUZIONE

CABLE STRUCTURE

1. Conduttore flessibile in rame elettrolitico rosso
Electrolytic bare copper flexible conductor
2. Isolamento in PVC classe T11 resistente agli oli
Class T11 oil-resistant PVC insulation
3. Guaina in speciale PVC classe TM2
Special TM2 PVC outer sheath

Temperatura utilizzo
Temperature range



- 20 ÷ 40 °C
(@ fixed installation)

Temperatura di corto circuito
Short-circuit temperature



160 °C

Tensione di esercizio
Voltage rating



450/750 V_{AC}

Idoneo per immersione in
acqua
Suitable for underwater use



NF C 15-100 paragraph 321.4-
AD8, EN 50525-2-21

Tensione di prova
Test voltage



2500 V_{AC}

Resistenza alla fiamma
Flame resistance



IEC 60332-1-2

Raggio di curvatura
Bending radius



≥ 10 x D
(@ fixed installation)

Idoneo per immersione
in acqua di mare
*Suitable for sea water
immersion*



Not guaranteed
against fading and loss
of color

Revision Date
13/11/2019

Issue n.
2.0

Approved by
UTC

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Al fine di perfezionare i nostri prodotti, le informazioni contenute in questa scheda possono essere variate senza preavviso. Preghiamo verificare con i ns. uffici la data e il numero di revisione.
In order to improve our products, the information contained in this technical data sheet can be changed without notice. Please check periodically with our offices date and number of the revision.

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Sezione Size conductor [mm ²]	Formazione conduttore Conductor stranding [N° x mm]	Resistenza elettrica Electrical resistance [Ω/Km]	Diametro su isolamento Diameter on insulation [mm]	Spessore di isolamento Radial thickness of insulation [mm]
1	32 x 0.193	≤ 19.5	2.6 ± 0.1	≥ 0.70
1.5	28 x 0.245	≤ 13.3	2.85 ± 0.1	≥ 0.70
2.5	48 x 0.245	≤ 7.98	3.6 ± 0.1	≥ 0.80
4	52 x 0.300	≤ 4.95	4.1 ± 0.1	≥ 0.80
6	80 x 0.300	≤ 3.30	4.85 ± 0.1	≥ 0.80

Sezione Size conductor [mm ²]	Diametro esterno Outer diameter [mm]	Spessore guaina Thickness of jacket [mm]
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3 G 1	(7.5 ± 0.2)	≥ 0.90
4 G 1	(8.1 ± 0.2)	≥ 0.90
5 G 1	(9.0 ± 0.2)	≥ 1.0

3 G 1.5	(7.9 ± 0.2)	≥ 0.90
4 G 1.5	(9.0 ± 0.2)	≥ 1.0
5 G 1.5	(9.85 ± 0.3)	≥ 1.0

3 G 2.5	(10.0 ± 0.3)	≥ 1.1
4 G 2.5	(11.0 ± 0.3)	≥ 1.1
5 G 2.5	(12.3 ± 0.3)	≥ 1.2

Sezione Size conductor [mm ²]	Diametro esterno Outer diameter [mm]	Spessore guaina Thickness of jacket [mm]
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3 G 4	(11.3 ± 0.3)	≥ 1.2
4 G 4	(12.4 ± 0.3)	≥ 1.2
5 G 4	(14.0 ± 0.3)	≥ 1.4

3 G 6	(13.7 ± 0.3)	≥ 1.6
4 G 6	(14.9 ± 0.4)	≥ 1.6
5 G 6	(16.7 ± 0.4)	≥ 1.8

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Riferimento normativo <i>Standard reference</i>	Certificato AD8 rilasciato dal Dipartimento di Chimica Industriale dei Materiali di Bologna. Direttiva Europea Bassa Tensione No. 2014/35/UE. <i>AD8 Test Report issued by Industrial Chemistry and Materials of Bologna. Low Voltage European Directive No. 2014/35/EU.</i>
Conduttore <i>Stranding of conductor</i>	Conduttore flessibile in classe 5 in rame rosso elettrolitico, conforme alla norma IEC 60228 <i>Class 5 flexible electrolytic bare copper conductor conforming to IEC 60228 standard</i>
Isolamento <i>Insulation</i>	Speciale miscela in PVC classe T11 conforme alla norma EN 50363-3, resistente agli oli industriali. Durezza : [88 ± 2] Sh-A. <i>Special PVC compound resistant to industrial oils, class T11 accordingly to EN 50363-3 standard.</i> <i>Hardness : [88 ± 2] Sh-A.</i>
Colore isolamento <i>Color of insulation</i>	Su richiesta del cliente <i>On customer's request</i>
Guaina esterna <i>Outer sheath</i>	PVC TM2 conforme alla norma EN 50363-4-1 ed idoneo per immersione permanente in acqua, secondo gli allegati D ed E della norma EN 50525-2-21. Durezza : [72 ± 2] Sh-A. <i>TM2 PVC in compliance with EN 50363-4-1 requirements and suitable for permanent water immersion accordingly to annex D and E of EN 50525-2-21. Hardness : [72 ± 2] Sh-A.</i>
Colore guaina <i>Color of sheath</i>	Nero (altri colori su richiesta). <i>Black (other colours on customer's request)</i>
Marcatura <i>Surface printing</i>	Marcatura ink-jet : SALCAVI SPA ITALY - LIYY H2O - PERMANENT IMMERSION NF C 15-100 AD8 - EN 50525-2-21 - CE - SS/AA <i>Ink-jet printing : SALCAVI SPA ITALY - LIYY H2O - PERMANENT IMMERSION NF C 15-100 AD8</i> - EN 50525-2-21 - CE - WWW/YY