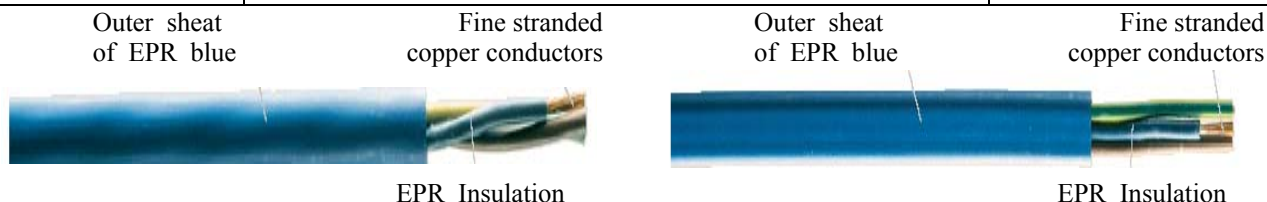




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DATE: 01.Mar.03	UWM CABLE ROUND and FLAT CABLE FOR SUBMERSIBLE MOTORS FOR DRINKING WATER PUMPS	Codice UWMCPxx UWMCTxx
Pag: 1 / 2		Scheda tecnica 15.5 GB
		Gruppo F



DESCRIPTION

Fine stranded copper conductors insulated with EPR(black-blue-brown) and outer sheath of EPR blue. Reference: UWMCP for Flat Type and UWMCT for Round Type.

USE

Connection cable for submersible motors (pumps) for permanent use in process and potable water up to a temperature of 70°C.

CHARACTERISTICS

Excellent insulation properties in water.

Very low water absorption (very low increase of the cable weight).

Preservation of the mechanical strength.

BAM* certificate 3.41/7126/93 confirming the suitability of TML type B in potable water.

*Bundesanstalt für Materialprüfung (Federal Institute for the testing of materials)

TECHNICAL SPECIFICATIONS

	UNIT	VALUES
Conductor resistance		Acc. To DIN VDE 0295
AC Test Voltage 50 hz		2.500V / 15 min
Rated Voltage	V	600 / 1.000
Max permanent admissible operating voltage		
In AC systems	U_0 / V	720 V / 1.200 V
In DC systems	U_0 / V	900 V / 1.800 V
Current rating		Acc. To DIN VDE 0100, part 523
Max admissible temperature at the condutor		
- in operation	°C	90
- at short-circuit	°C	250
Temperature range		
- Fixed installation	°C	-40 to 80
- In motion	°C	-25 to 80
Max admissible tensile stress	N/Sqmm	15
Max admissible water depth	m	600

UWM CT ROUND

N.° of cores x cross-section mm²	Outer diameter Min – Max valuemmm	Copper content kg/km	Net weight approx. kg/km
1 x 16	11,0 - 14,5	154	290
1 x 25	12,5 - 16,5	240	410
1 x 35	14,0 - 18,5	336	560
1 x 50	16,5 - 21,0	480	740
1 x 70	18,5 - 23,5	672	1000

TYPE UWM CP FLAT TYPE

N.°of cores x cross-section mm²	Copper content kg/km	Outer dimen. approx. mm x mm	Net weight approx. kg/km
3 x 4	115	19 x 9	290
3 x 6	173	23 x 10	400
3 x 10	288	28 x 12	620
3 x 16	461	31 x 14	900
3 x 25	720	37 x 17	1150

This information is intended only for general guidance in the application of our products. It has been obtained by careful investigation and represents the present state of our knowledge and experience. Because of the large number of possible methods of applications and processing we are not able to assume responsibility in any one particular case for either the technical results or the patent rights situation applicable to the country under consideration.