

PYROMETRY CABLES

PLATINUM RESISTANCE TEMPERATURE SENSORS CONNECTION CABLES

SONDIX®
Main products

Diagram	SONDIX® reference	Conductor	Sheath	Operating temperature
	<ul style="list-style-type: none"> • MY2-Y2 • MC-CS 	PVC 105 Silicone	PVC 105 Silicone	-30 to +105° C -60 to +200° C
	<ul style="list-style-type: none"> • M5-5 • M6-6 • M7-7 	PFA FEP ETFE	PFA FEP ETFE	-190 to +260° C -190 to +205° C -90 to +155° C
	<ul style="list-style-type: none"> • MC-FEP 	FEP	Silicone	-60 to +200° C
	<ul style="list-style-type: none"> • MV-PFA 	PFA	Fibreglass	-60 to +260° C
	<ul style="list-style-type: none"> • MV-VS 	Fibreglass	Fibreglass	-60 to +300° C
	<ul style="list-style-type: none"> • MV-VS-R 	High temperature fibreglass	High temperature fibreglass	-60 to +400° C
	<ul style="list-style-type: none"> • MV-KVS 	Polymide + Fibreglass	Fibreglass	-60 to +350° C

Conductors, cross-sections and core stranding

Number of conductors	Cross-section in mm ²	Equivalence AWG	Stranding number of strands x Ø (mm)
2, 3, 4, 6 or 8	0.14	26	7 X 0.16
2, 3, 4, 6 or 8	0.15	26	19 X 0.10
2, 3, 4, 6 or 8	0.22	24	7 X 0.20
2, 3, 4, 6 or 8	0.25	24	19 X 0.13
2, 3, or 4	0.34	22	7 X 0.25
2, 3, or 4	0.34	22	19 X 0.15
2, 3, or 4	0.50	20	7 X 0.30
2, 3, or 4	0.60	20	19 X 0.20

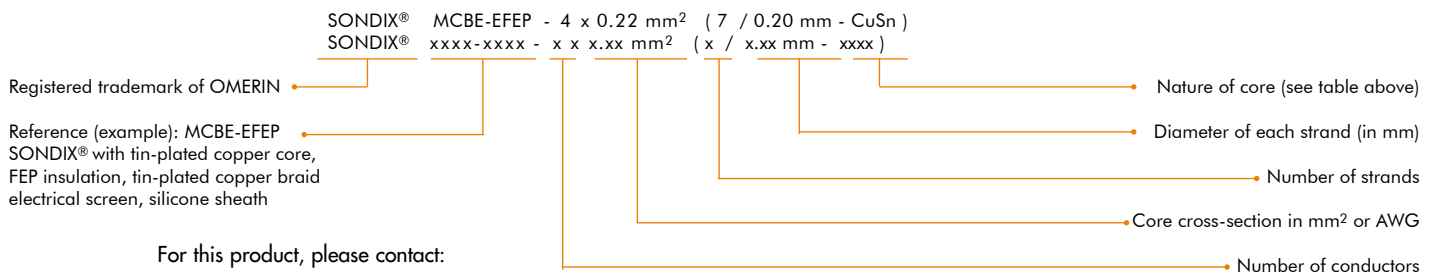
Nature of cores
(identification / symbol in our references)

- Bare copper (CuA1 / -)
- Tin-plated copper (CuSn / E)
- Silver-plated copper (CuAg / A)
- Nickel-plated copper (CuNi / CN)
- Pure silver (Ag / Ag)
- Pure nickel (Ni / N)

SONDIX® with electrical screen and/or flexible outer armour

- With tin-plated copper electrical screen: ref. xxxBE-xxx.
in nickel-plated copper: ref. xxxBCN-xxx.
in silver-plated copper: ref. xxxBA-xxx.
- With electrical screen of PET / aluminium tape + continuity wire: ref. xxxBAL-xxx.
- With stainless steel braid flexible outer armour: ref. Blxxx-xxx.
in galvanised steel: ref. BGxxx-xxx.
in tin-plated copper: ref. BExxx-xxx.

Identification



For this product, please contact:

OMERIN division principale
Zone Industrielle - F 63600 Ambert
Tel. +33 (0)4 73 82 50 00 - Fax +33 (0)4 73 82 50 10
omerin@omerin.com

www.omerin.com



The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force. For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories.
© Registered trademark of the OMERIN Group. Drawings and photos are not contractual. Reproduction is prohibited without the prior agreement of OMERIN.