DESCRIPTION:TECHICAL FEATURES OF READOUT ME518

GENERAL FEATURES

- The readout **ME 518** solves, together with suitable transducers (encoders or optical and magnetic scales), all the needs and problems connected to the lenght or tichkness measuring and counting, as well as the number of worked pieces, which are present on different types of machine tools.
- MERIT 518 is able to display up to 8 digits, with the decimal point allowed to be placed according to ones need.
- Possibile applications are different: beyond on machine tools, ME518 finds applications in several different fields, such as food, wood, metal sheet, marble and textile.

MODEL	Merit ME 518
AXIS	8 high efficiency digits h=10mm
SIGNALS	Two square waves with pdhase displacement 90° ± 5°
ZERO REF.	Reference signal input
FREQUENCY	Max 250 KHz
LINEAR RESOLUTION	100-50-20-10-5-2-1 μm
ANGULAR RESOLUTION	1°-0.5°-0.2°-0.1°-0.05°-0.02°-0.01°
MEMORY	Data storage on permanent memory
POWER SUPPLY	Standard 220Vac ± 10% 50/60 Hz
	Option 110Vac 60Hz or 24Vac 50/60 Hz
CURRENT CONSUMPTION	30mA (230Vac) – 300mA (24Vac)
OUTPUTS	2 relay output NO – I max 3A – V max 250Vac
INPUTS	2 auxiliary inputs
CONNECTIONS	Through removable terminal strip
DIMENSIONS	Front panel: 48x96mm – Depth 40mm
TEMPERATURE	Operatine 0° - 50° C
	Storage -20° – 70° C
WEIGHT	450 g

ORDERING CODE

MODEL	POWER SUPPLY	SIGNALS	RESOLUTION	OPTIONS
ME 518	**230**	**12V**	**RIS.1**	**UR-2**
	230 = 230 V **110** = 110 V **24** = 24 V	**05V**	**100-50-20-10-10-5-2-1**	**US-232**= SERIAL OUTPUT RS 232 **UR-2**= RELAY OUTPUT

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CONNECTIONS

TERMINAL	1	2	3	4	5	6	7	8	9	10	11	12	13
STRIP	NETWORK	NETWORK	C1	NO1	C2	NO2	V+	GND	CRL QUOTA	/	B	A	Z

LEGENDA

NETWORK = NETWORK POWER SUPPLY
C1 = COMMON RELAY 1
NO1 = NO CONTACT RELAY 1
C2 = COMMON RELAY 2
NO2 = NO CONTACT RELAY 2
V+ = TRANSDUCER SUPPLY OUTPUT
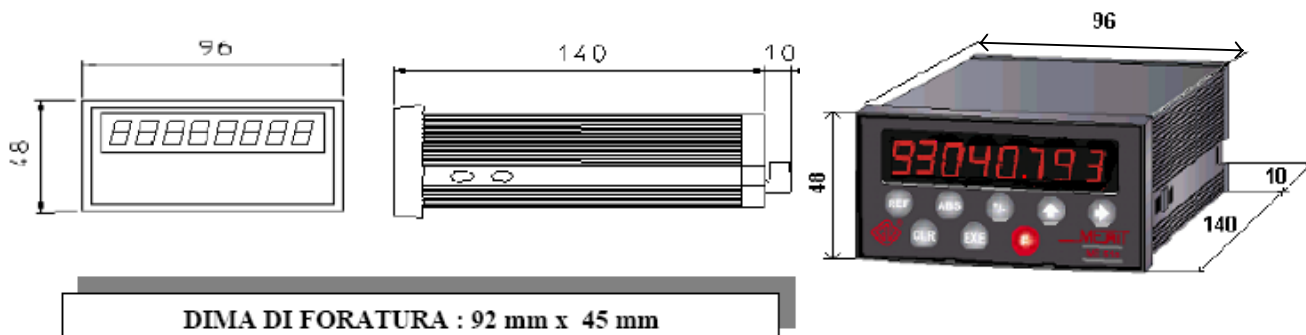**GND** = 0V TRANSDUCER SUPPLY
CRL QUOTA = INPUT MEASURE CLEAR (CONNECT A NO CONTACT BETWEEN PIN 9 AND PIN 8
B = INPUT CHANNEL B FROM TRANSDUCER (PIN 11)
A = INPUT CHANNEL A FROM TRANSDUCER (PIN 12)
Z = INPUT CHANNEL Z FROM TRANSDUCER (PIN 13)

DIMENSIONS – MOD. ME518

DIMA DI FORATURA : 92 mm x 45 mm