



TECHNICAL CHARACTERISTICS			
<b>Display</b>	6 digits height = 13mm	6 digits height = 100mm	6 digits height = 160mm
<b>Power supply</b>	24Vdc ± 10% 6VA	24Vdc ± 10% 10VA	24Vdc ± 10% 15VA
<b>Serial input</b>	RS232 / RS485	RS232 / RS485	RS232/ RS485
<b>Baud rate</b>	600 ÷ 19200 bit/sec	600 ÷ 19200 bit/sec	600 ÷ 19200 bit/sec
<b>Housing</b>	Aluminium	varnished plate	varnished plate
<b>Format</b>	Panel mounting	Board	Board
<b>Front panel</b>	plexiglas	plexiglas	plexiglas
<b>Dimensions</b>	Height = 72mm Width = 144mm Deep = 120mm	Height = 200mm Width = 480mm Deep = 80mm	Height = 200mm Width = 740mm Deep = 80mm
<b>Drilling template</b>	H = 68mm +0,7; L = 138mm +1	-	-
<b>Protection</b>	IP52	IP52	IP52
<b>Reading distance</b>	≈ 5m	≈ 30m	≈ 50m
<b>Viewing angle</b>	90°	90°	90°

STANDARD PROTOCOL: the following table shows the data string format (ASCII code).

STRING	RS232	RS485
DATA	(FF)±XXXX,XX(OD)	(FF)YY±XXXX,XX(OD)
OVER-RANGE	(FF)OR(OD)	(FF)YYOR(OD)
UNDER-RANGE	(FF)ur(OD)	(FF)YYur(OD)

(FF) = start of transmission character  
± = data sign  
XXXXXX = data value  
(OD) = end of transmission character  
YY = assigned address  
The decimal point must be transmitted in its right position

*STRING FORMAT:* 1 start bit, 8 data bits, 1 stop bit with no parity.

*ALARM:* if the display doesn't receive any data for 10 seconds, or the received ones are wrong, it shows **ERRCOM**.

**CUSTOMIZED PROTOCOL:** in order to connect its remote display with instrumentations from other brands, **ITF SISTEMI srl** can customize the transmission string on request.