OEM Automatic Ltd
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P18(D/L) TEMPERATURE AND HUMIDITY TRANSDUCERS

With analogue output (P18/D/L) and digital output (P18/D)

P18000E0
P18 transducer, without outputs, sensor mounted, RS-485

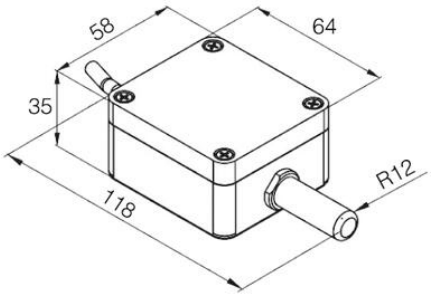


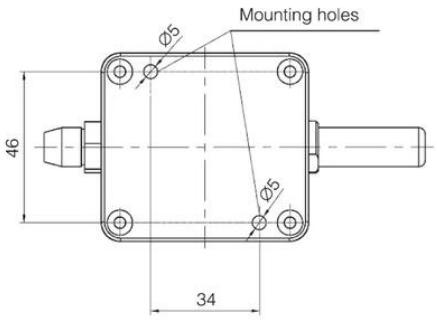
- Converts temperature and humidty values to analogue or digital outputs
- 0-10v or 4-20mA output (P18)
- 4-20mA Loop powered (P18L)
- LCD Display (P18D)

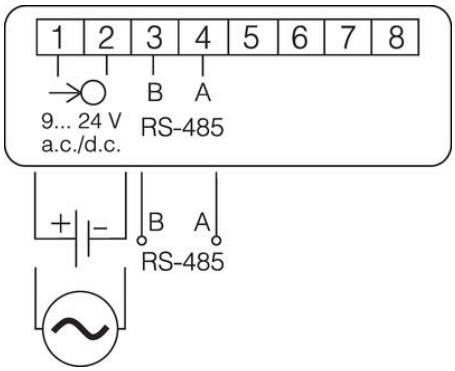
PRODUCT DESCRIPTION

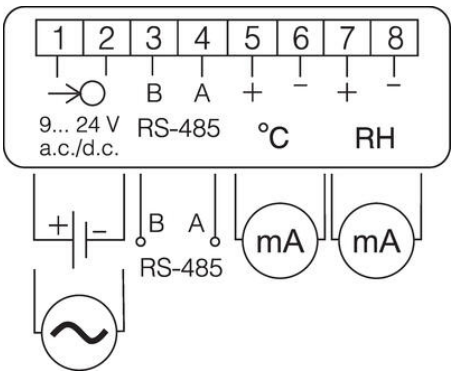
The **P18/P18D** transducer is a device destined for the continuous measurement and conversion of relative humidity and ambient temperature into a digital way and into a voltage or current standard signal. The transducer programming is possible through the RS-485 interface.
Applied sensor shields (table 1) enable the application of the P18 transducer to operate in various ambient conditions. The transducer is designed to be mounted on a wall.
The P18L transducer is a device destined for the continuous conversion of relative humidity or ambient temperature into a standard analog current signal.
Applied sensor shields (table 1) enable the application of the P18 transducer to operate in various ambient conditions. The transducer is designed to be mounted on a wall.

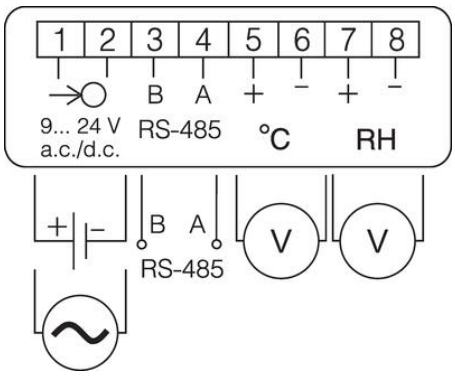
Please refer to the data sheet for ordering keys and contact us for more information.
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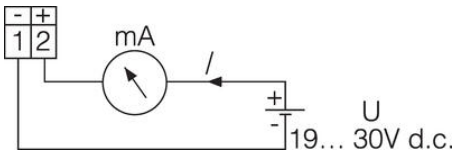


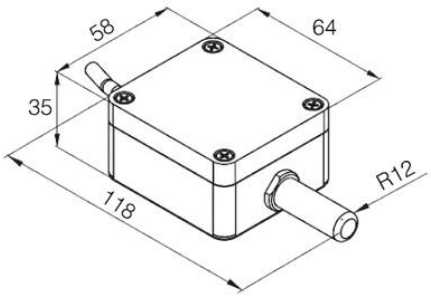


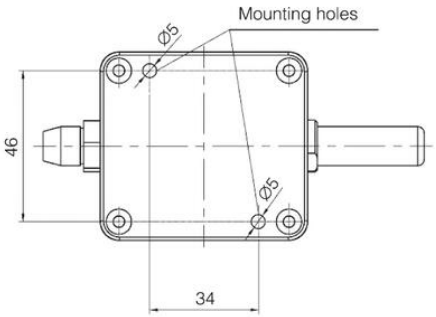


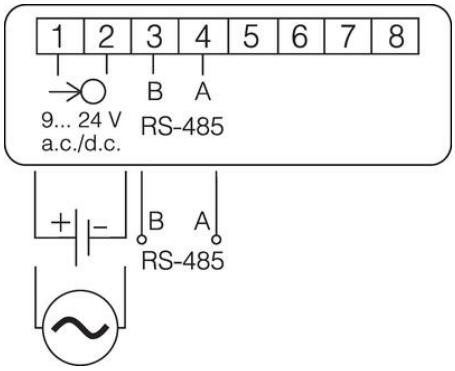

1 2 3 4 5 6 7 8
B A + − + −
9... 24 V a.c./d.c.
RS-485
°C
RH
+ −
B A
RS-485
mA
mA

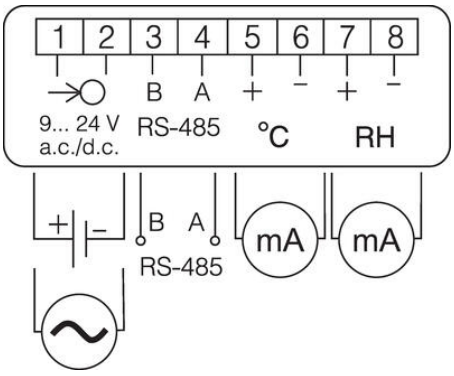

1 2 3 4 5 6 7 8
B A + − + −
9... 24 V a.c./d.c.
RS-485
°C
RH
+ −
B A
RS-485
V
V

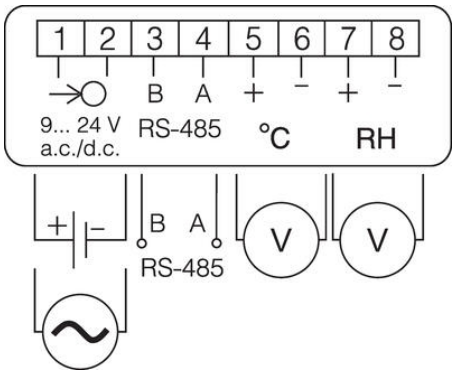

- +
1 2
mA
I
+
-
U
19… 30V d.c.

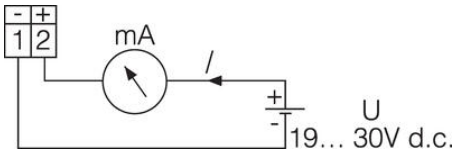

58
64
35
118
R12


Mounting holes
Ø5
46
Ø5
34


1 2 3 4 5 6 7 8
B A
9... 24 V a.c./d.c.
RS-485
+ −
B A
RS-485


1 2 3 4 5 6 7 8
B A + − + −
9... 24 V a.c./d.c.
RS-485
°C
RH
+ −
B A
RS-485
mA
mA


1 2 3 4 5 6 7 8
B A + − + −
9... 24 V a.c./d.c.
RS-485
°C
RH
+ −
B A
RS-485
V
V


- +
1 2
mA
I
+
-
U
19… 30V d.c.