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**IDENTIFICATION      SYSTEMS**

R/W head

ERC 80

**DESCRIPTION**

R/W head intended for reading /writing data to/from OMX Series electronic tags;  
it has to be connected to an appropriate Balogh control board (suffix: X).  
  
It is fitted with a Hypertac keyed male 4-pin receptacle;  
the cable connector is jointly delivered.



**DATA FOR ASSEMBLY**

**Assembly:** using four M5 screws.

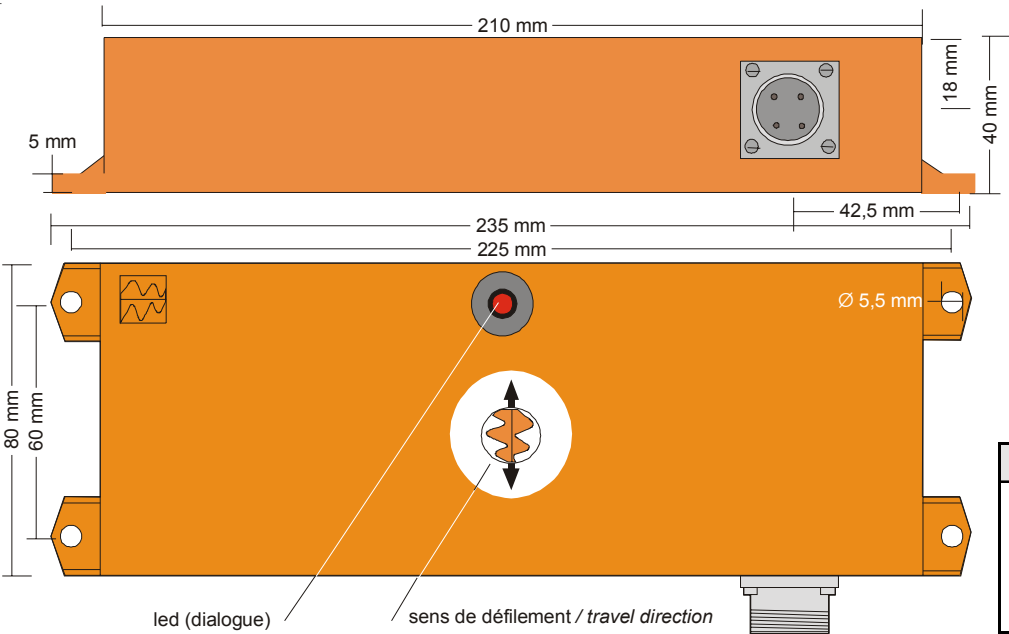
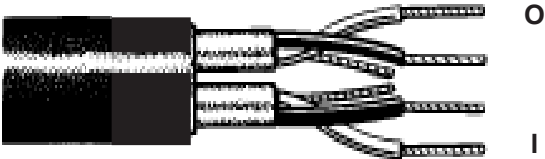
**Connection:**

Use a cable with the following characteristics:

- Max.length: 50 m;
- Overall max. capacity between conductors and related shields: 14 nF.

Cable assembly:

- Twin Shielded and Twin Twisted pairs (Output and Input conductors apart);
- Cable outer diameter: 6 to 7 mm;
- Conductors max. diameter: 1,8 mm;
- Both shields must be connected to the 0V.



Pin nr	Description
1	+24VDC
2	Output
3	Input
4	0V supply

Test conditions:

- head and tag in a non-metallic environment;
- max. allowed offsets to have the LS<sub>i</sub> published value guaranteed:
  - Angular:  $\pm 20^\circ$
  - Lateral :  $\pm 20 \text{ mm}$   $\pm 25 \text{ mm}$

# Packaging

Casing	PA 12 (30%GF)	-
Weight	450	g
Protection rating	IP 65	-

$a > 100 \text{ mm}$

$b > 50 \text{ mm}$

