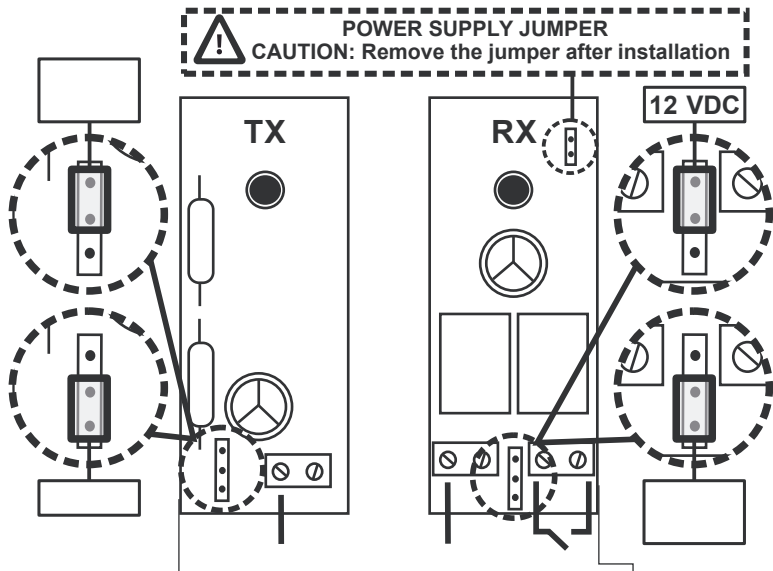
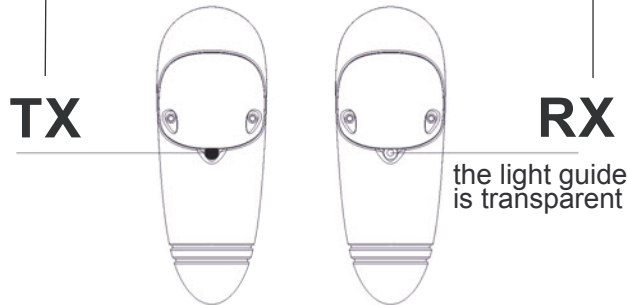


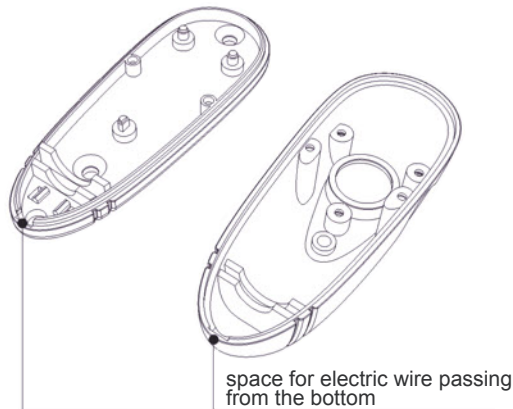
Photocell F-TE 12/T



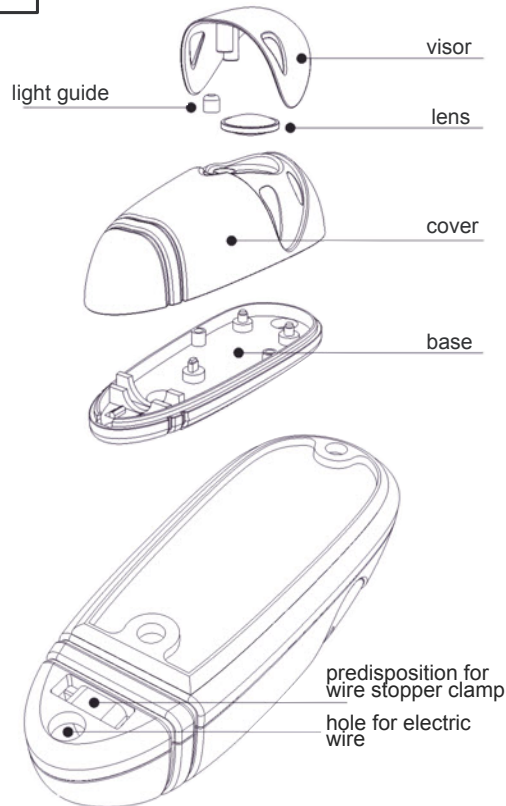
The photocells are predisposed to a 24V power supply. In case of a different supply move the jumper adequately.



the light guide is transparent



space for electric wire passing from the bottom



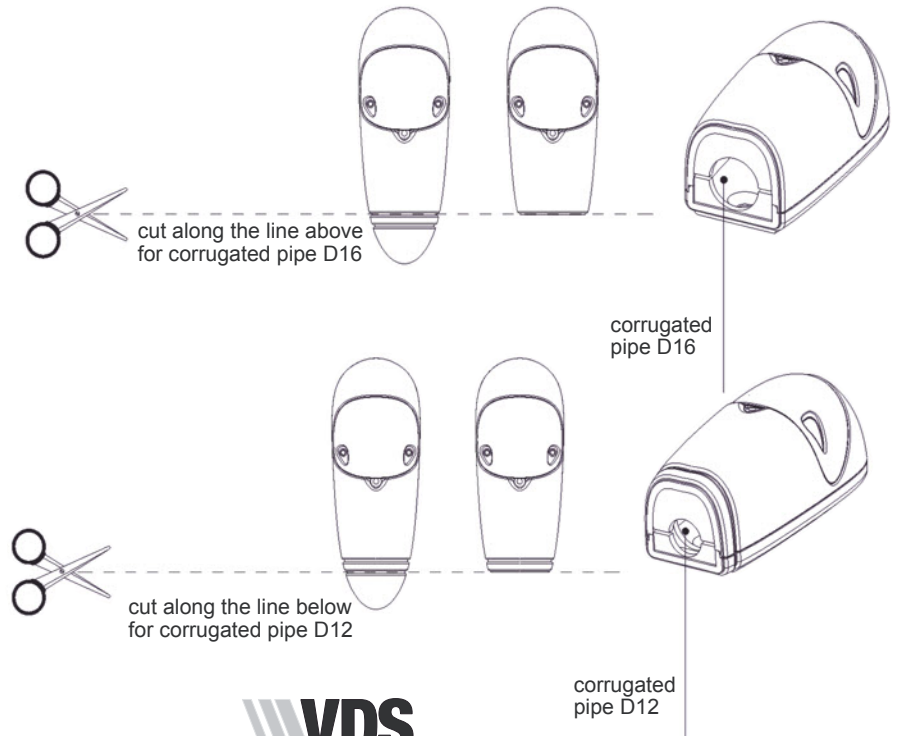
- 1) Fix the base to the wall or to the post with the two screws and/or wedges supplied.
- 2) Observe the right height and direction by fixing the transmitter and the receiver in a frontal position on the same axis.
- 3) Plug the wires into the block bearing in mind that the RX terminals have to be in a normally closed contact when the photocell is centered and supplied.
- 4) Supply the transmitter and the receiver with 12VDC or 24V AC/DC voltage as given in the table (**note: 12VAC is NOT AVAILABLE**).

NOTE: if the positioning, the alignment and the connections are correct the red led of the receiver will be lit even without cover (max 6/7 mt). For higher range the led will be lit only by putting the cover (with incorporated lens).
If the beam between TX and RX is interrupted, the red led must be turned off, the relay contact has to shift from normally closed to a normally open contact and the contact on terminals 3 and 4 must be opened.
Put the protection covers and make sure they are in the right position and well fixed.

WARNING: After installation it is necessary to remove the alignment jumper on the receiver Rx, otherwise the photocells will not function properly.

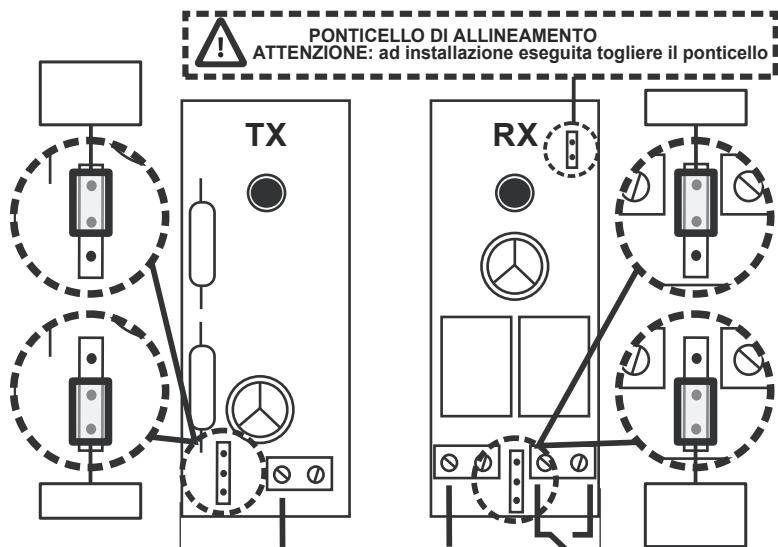
TECHNICAL CHARACTERISTICS	
range	40 m (*)
signal	infrared modulated
wave length	915 nm
frequency of modulation	900 Hz
power supply	12/24 V ac/dc +/-10%
absorption	50 mA Tx + Rx
work temperature	-25 °C +70 °C
relay range	max 0,5 A - 24 V with resistive charge
weight	200 gr

(*) this value can be reduced up to 70% under exceptional atmospheric conditions or in case of bad alignment.



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AUTOMAZIONE ACCESSI
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Fotocellula F-TE 12/T



- 1) fissare la base alla parete o al pilastro con le due viti e/o tasselli in dotazione. La morsettiera si deve presentare nella parte inferiore.
- 2) rispettare le altezze e la direzione fissando il Trasmettitore e il Ricevitore in posizione frontale, sullo stesso asse e alla stessa altezza.
- 3) collegare i fili in morsettiera, tenendo presente che sui morsetti del RX si ha, a fotocellula alimentata e centrata, un contatto normalmente chiuso.
- 4) alimentare sia il Trasmettitore che il Ricevitore come da serigrafia con tensione di 12 VDC o 24 V AC/DC (**nota: 12 VAC NON DISPONIBILE**). **NOTA:** se il posizionamento, l'allineamento ed i collegamenti sono corretti, il led rosso del ricevitore sarà acceso, anche senza coperchio (max. 6/7 mt). Per portate superiori il led si accenderà solo inserendo il coperchio (con lente incorporata). Interrompendo il raggio tra TX e RX, il led rosso si deve spegnere, il contatto del relè deve diventare da normalmente chiuso a normalmente aperto ed il contatto sui morsetti 3 e 4 si deve aprire. Inserire i coperchi di protezione accertandosi che siano aderenti e in posizione. **ATTENZIONE: dopo aver terminato l'installazione, è indispensabile togliere il ponticello di allineamento sul ricevitore RX, altrimenti le fotocellule non funzioneranno correttamente**

CARATTERISTICHE TECNICHE	
portata	40 m (*)
segnale	infrarosso modulato
lunghezza d'onda	915 nm
frequenza di modulazione	900 Hz
alimentazione	12/24 V ac/dc +/-10%
assorbimento	50 mA Tx + Rx
temperatura d'esercizio	-25 °C +70 °C
portata relè	max 0,5 A - 24 V con carico resistivo
peso	200 gr

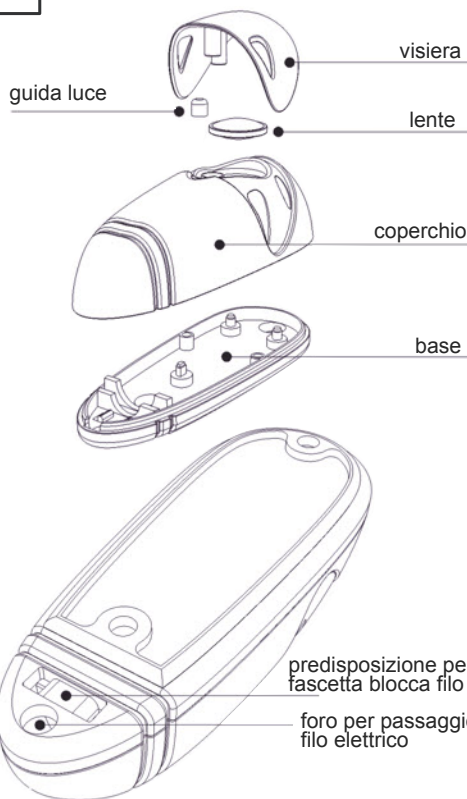
(*) questo valore può ridursi fino al 70% in presenza di fenomeni atmosferici di notevole intensità o per un allineamento non perfetto

Le fotocellule sono predisposte per un'alimentazione di 24V. In caso di alimentazione diversa spostare i ponticelli in maniera adeguata.

TX

RX

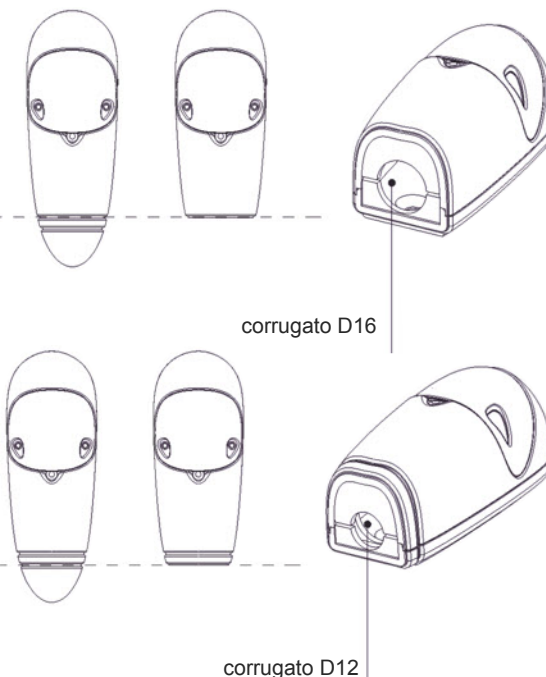
the light guide is transparent



taglio lungo guida superiore per corrugato D16



taglio lungo guida inferiore per corrugato D12



prerottura per passaggio del filo elettrico dal basso

EC DECLARATION OF CONFORMITY FOR MACHINES (DIRECTIVE 2006/42/EC)

Manufacturer: VDS AUTOMAZIONI srl
Address: VIA CIRCOLARE PIP N. 10 65010 SPOLTORE (PE)

Declares that: mod. **12-t**

is built to be integrated into a machine or to be assembled with other machinery to create a machine under the provisions of Directive 98/37/EC;

conforms to the essential safety requirements of the following EEC directives:

2006/95/EC Low Voltage Directive
2004/108/EC Electromagnetic Compatibility Directive

and also declares that it is prohibited to put into service the machinery until the machine in which it will be integrated or of which it will become a component has been identified and declared as conforming to the conditions of Directive 2006/42/EEC and subsequent amendments.

July 3, 2018
Technical director

