TR6100

Application Note

VERSION HISTORY

New features in TR6100 software version V1.1

1. New Norm EN54-12:2015
2. Ireland BRE CPR (2831-CPR-F1924) for Europe
3. Support Conventional and Addressable device
4. Setting can be adjusted either via handheld programmer or DIP SWITCH setting.

IMAGE

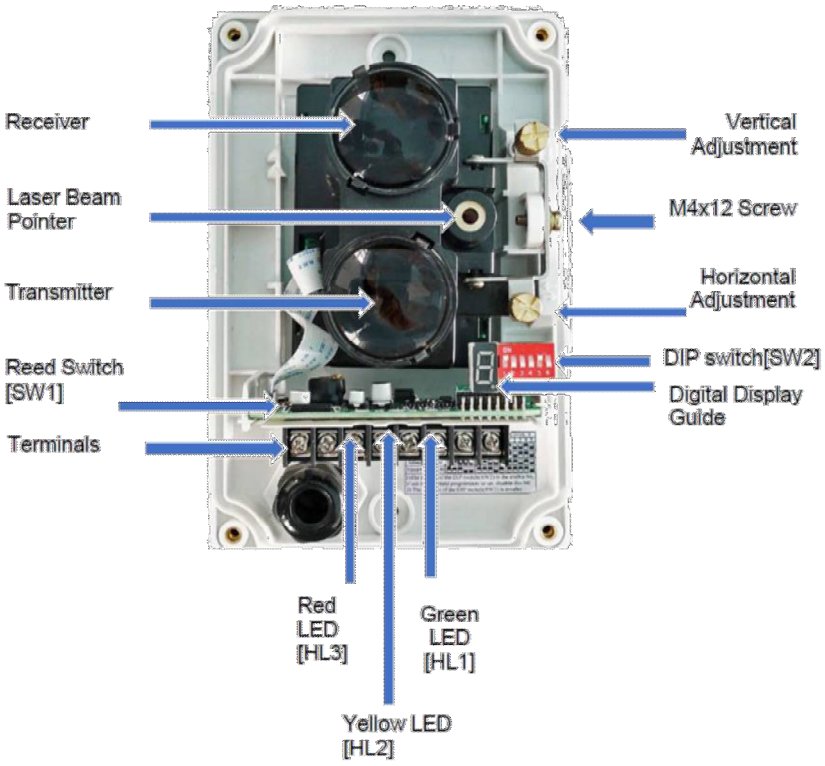

Fig. 1

PROGRAMMING AND COMMISIONING

The commissioning procedure of the new version is the same as the older version

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WIRING DETAIL

There is a change in wiring connection depending upon if it is conventional or addressable device.

Below is the wiring for conventional device. (Fig. 2)

Important point: If testing it as a conventional device, then it needs jumper S1, S2 and D1, D2 respectively. If you happen to forget the jumper even if the commissioning process is right, this will give faulty LED indicator and the operation would not be normal.

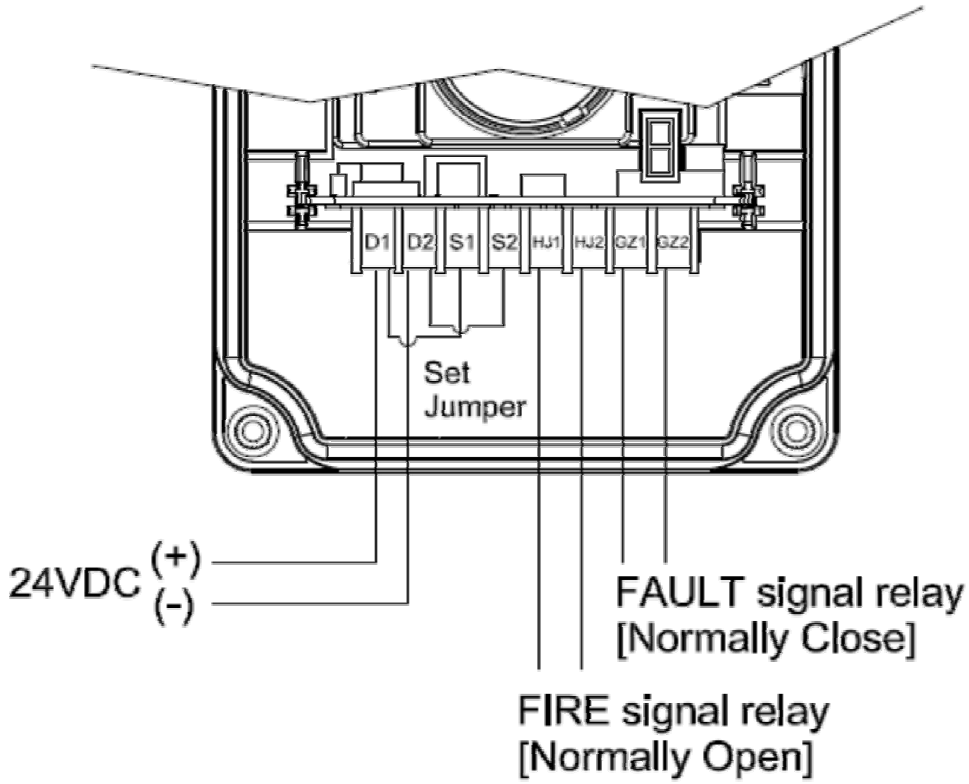

Fig. 2

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Below is the wiring TR6100 connecting to addressable control panel only: (Fig.3)

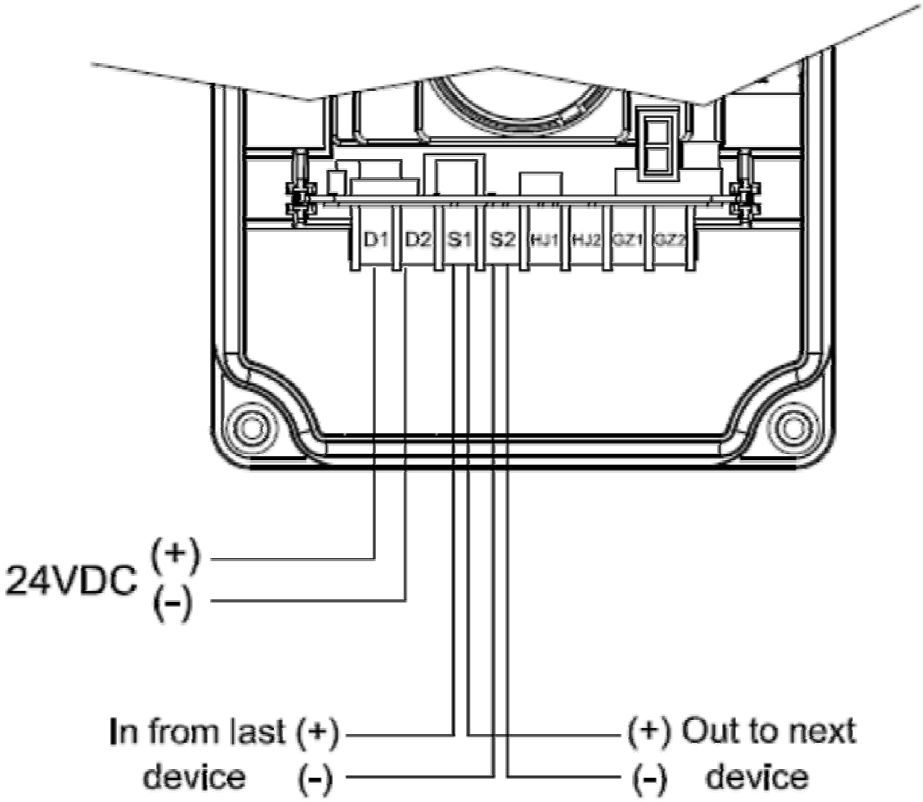


Fig. 3

DIP SWITCH SETTING.

Level 1 sensitivity and 40 to 70 meters is the default setting from the factory. It can be adjusted by setting the dip switch and no need for handheld programmer. (Table 1)

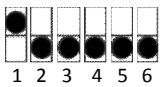
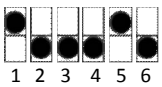
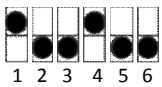
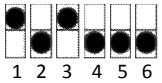
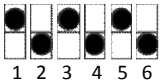
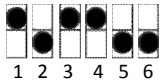
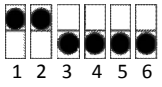
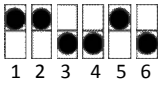
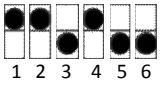
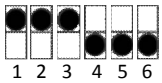
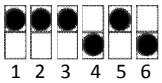
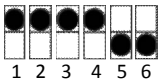
Sensitivity / Span	Level 1	Level 2	Level 3
Span 1: 8~20m			
Span 2: 20~40m			
Span 3: 40~70m			
Span 4:70~100m			

Table 1

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If preferred to use handheld programmer, please be notified on the below warning:

Warning: Before setting parameters with the handheld programmer, the DIP switch must be set to disabled mode, as shown in figure 5.

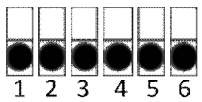
Disable Mode	

Fig. 5

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