

**Affects:**     ***D7039 Operation and Installation Guide, Revision 38685B or C***

### Issue

The Bosch Security Systems Quality Assurance team found an error in *Section 4.0 Wiring the D7039* of the *Operations and Installation Guide* (P/Ns: 38685B or 38685C). The line calculations were not based upon a 30  $\Omega$  maximum loop but another number. Please make the update in your current literature. Bosch Security Systems is in the process of changing our literature to reflect the correct calculation.

*Section 4.0 Wiring the D7039* also states it is not necessary to use shielded or twisted wire. Do not use shielded wire. Twisted wire is not recommended but is acceptable.

***Section 4.0 Wiring the D7039*** currently reads:

Connect the multiplex loop to the D7039 as shown. Up to 3750 ft. (1100 m) of #18 AWG (1.2 cm) or 5900 ft. (1800 m) of #16 AWG (1.5 cm) wire may be used. It is not necessary to use shielded or twisted wire.

### Resolution

***Section 4.0 Wiring the D7039*** should read:

Connect the multiplex loop to the D7039 as shown. Up to 2250 ft. (685 m) of #18 AWG (1.2 cm) or 3500 ft. (1065 m) of #16 AWG (1.5 cm) wire may be used. Do not use shielded wire.

The mux module maximum loop resistance is 30  $\Omega$ .

For additional information on the D7039, see the *Operation and Installation Guide* (P/N: 38685).

Bosch Security Systems is committed to providing the highest level of quality and reliability. We apologize for any inconvenience this has caused you or your customers. If you have any questions, comments or concerns with the procedures listed in this *Technogram*, please contact Technical Support directly using our toll free number (888) 886-6189.



