
Paradigm Cables

Application Note

This document describes how to use Paradigm Cables for communications with a PC, another Paradigm unit, or Paradigm accessory.

Introduction

Paradigm cables can be used for communications with a PC, another Paradigm unit, the Profibus Host Adaptor (PAPBH), or other Paradigm cables.

Communications with a PC

P890301Z can be connected to provide RS232 communications with a PC. P890301Z consists of a RJ12 to RJ12 cable and a RJ12 to DB9 adaptor, which are wired for communications with your PC.

P890301C is the RJ12 to DB9 adaptor only. This can be purchased as a replacement for the adaptor provided with P890301Z. The adaptor is factory wired and ready for use with P890301Z when received. This adaptor can also be used with P890301J for communications with a PC.

Communications with another Paradigm unit.

P890301J can be used to connect two Paradigm units using their modular jack connectors. The PC Link¹ protocol can then be used for communications between the two Paradigm units. P890301J can also be used to connect a Paradigm unit to the Profibus Host adaptor (PAPBH)² for communications on a Profibus network.

P895803Z can also be used to connect two Paradigm units one using the modular jack and the other using the RS232 communications port. The PC Link¹ protocol can then be used for communications between the two Paradigm units.

Adaptors for RS232 Paradigm cables to be connected to the modular jack.

P890806Z is a RJ12 modular jack to Paradigm 10 position RS232 communications block with hood. This adaptor can be used to connect a standard RS232 Paradigm communications cable (P895xxxZ) to the RJ12 modular jack.

P890807Z is a RJ12 modular jack to Paradigm 5 position RS232 communications block with hood. The adaptor can be used to connect a standard RS232 Paradigm communications cable (P895xxxZ) to the RJ12 modular jack.

P890808Z is a RJ12 modular jack to Paradigm 10 position RS232 communications block, which is din rail mountable. This adaptor can be used to connect a standard RS232 Paradigm communications cable (P895xxxZ) to the RJ12 modular jack.

¹ Refer to the EDICT-97 manual for more information on PC Link.

² Refer to the PAPBH manual and application note for more information on how to connect to the Profibus Network.