

Source Control Document: Ribbon Cable

INTRODUCTION

This document describes the requirements for the freeETarget flat cable used to connect the control board to the four sensors.

DRAWING

The ribbon cable consists of five IDC connectors and a ten-conductor ribbon as shown in Figure 1.

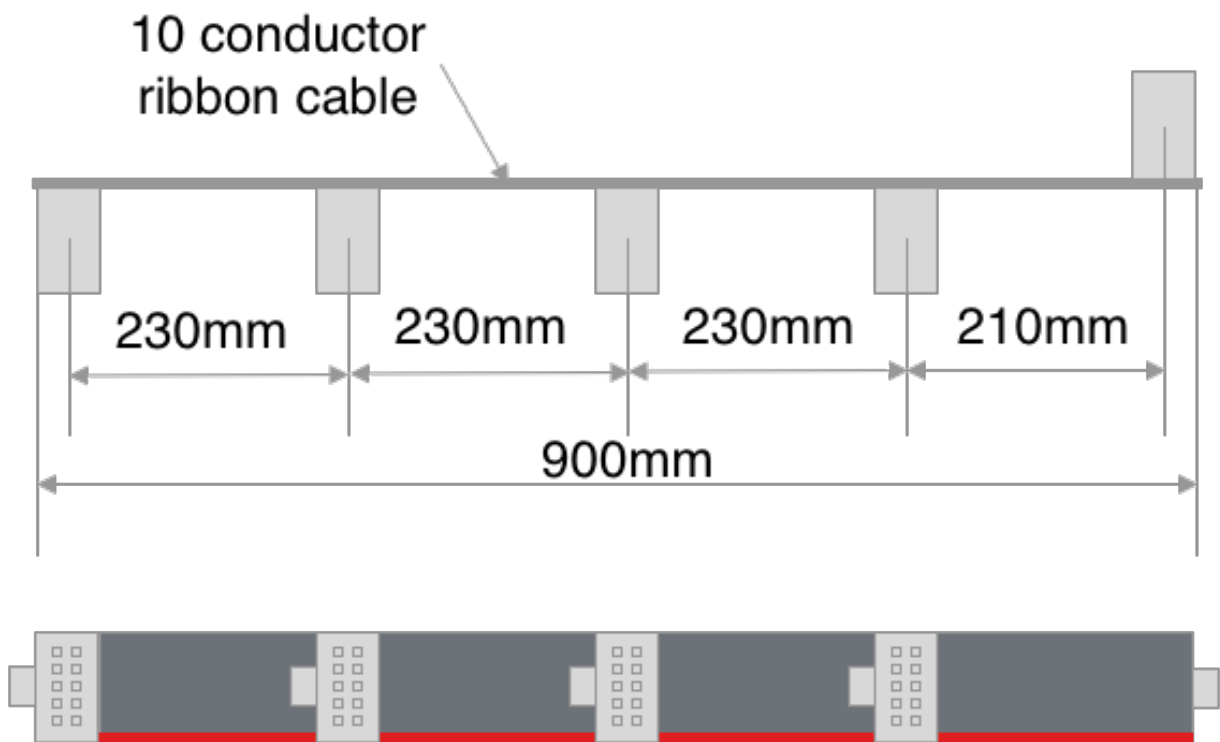


Figure 1: Ribbon Cable Assembly

Note the orientation of the connectors. The first four connectors are on one side, and the last one is on the opposite side.

BOM

Item	Qty	Description	Amazon P/N
1	5	IDC Cable Connectors FC-10P	B00O9Y6FL6
1	900mm	10 Conductor Flat Cable	B07P77YRB2