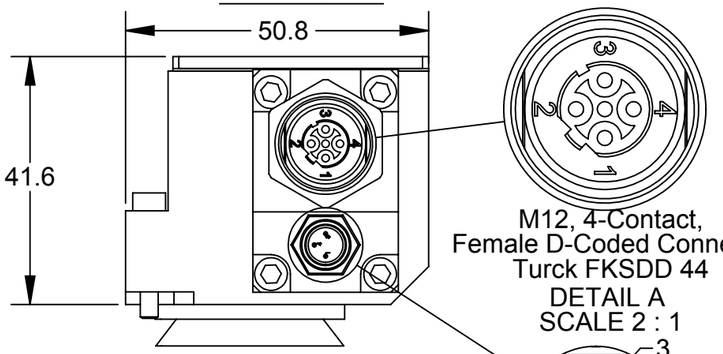
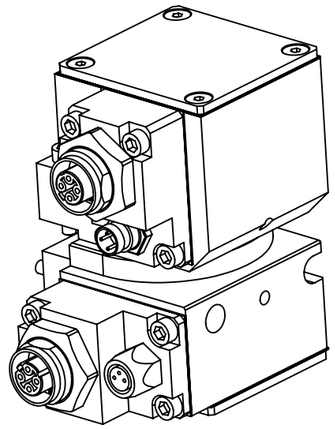
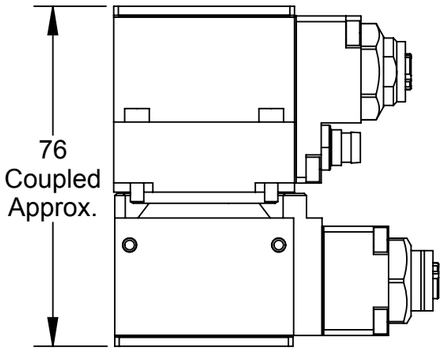
Rev.	Description	Initiator	Date
01P	Initial Design	AP	7/17/2012
02	Project Release	AP	10/16/2012

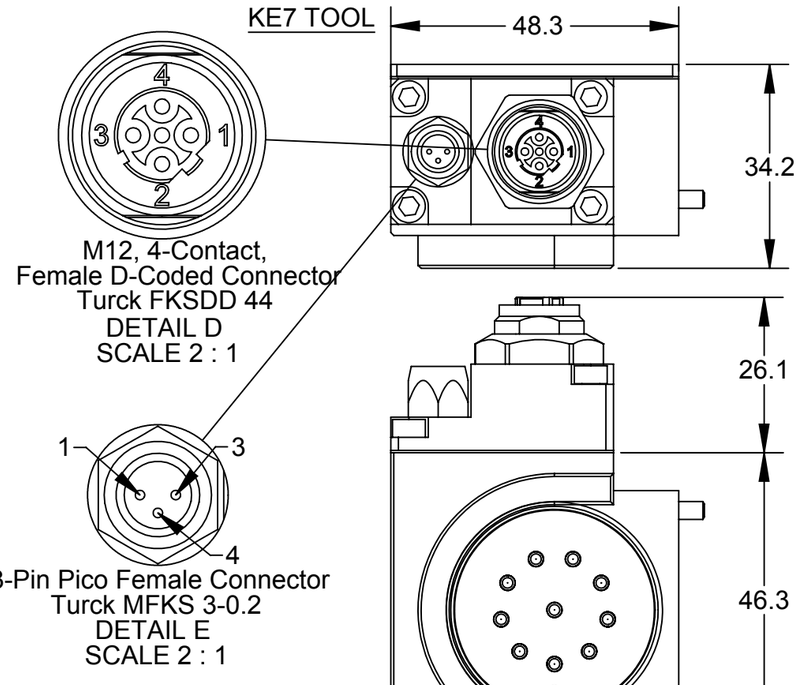
KE7 MASTER



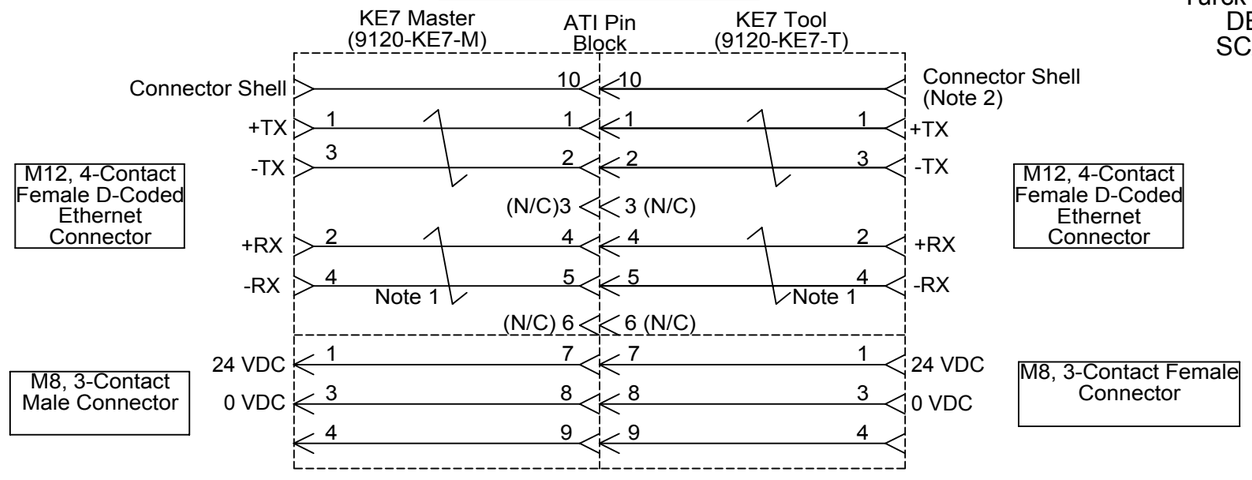




KE7 TOOL



ELECTRICAL SCHEMATIC



Notes:
1. Twisted wire pairs are maintained through the Master and Tool on pins 1-3 and 2-4.
2. The Ethernet shield is passed from Master to Tool via Pin 10 of the 10-Pin Pin Block.
3. M8, Turck 3-Pin rated @ 4A/125VAC
4. Customer is to approve the connector selection and orientation.
5. Customer is to approve the electrical schematics.
6. DANGER! - For electrical modules using > 60 VDC or 42 VAC, NO contact should be attempted before removing power. This especially includes separation or insertion of the mating connectors or any contact with the tool changer or its components.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.

3rd ANGLE PROJECTION

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DRAWN BY: A Pongor 06/26/12

CHECKED BY: P Luczka 07/16/12
A Strotzer 07/18/12

PROJECT # 120621-2 SHEET 1 OF 1

TITLE: Ethernet and Power Electrical Module

SCALE	SIZE	DRAWING NUMBER	REVISION
1:1	B	9630-20-KE7	02