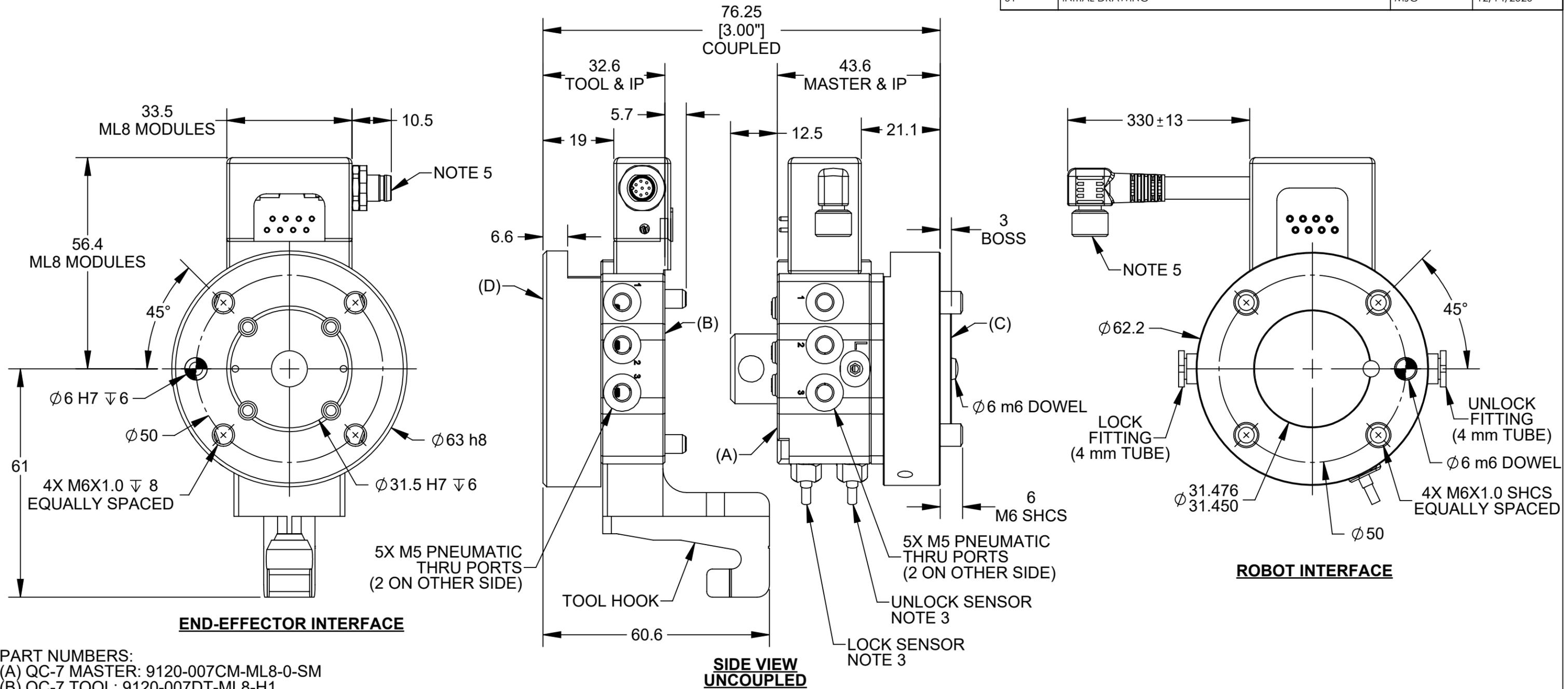


REV.	DESCRIPTION	INITIATOR	DATE
01	INITIAL DRAWING	MJG	12/14/2020



PART NUMBERS:

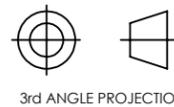
- (A) QC-7 MASTER: 9120-007CM-ML8-0-SM
- (B) QC-7 TOOL: 9120-007DT-ML8-H1
- (C) MASTER INTERFACE PLATE: 9120-007M-IP-10719-E060A15
- (D) TOOL INTERFACE PLATE: 9120-007T-IP-11291

NOTES:

1. QC-7 COBOT KIT (UR) PART NUMBER:
 - 9120-COB-UR-007-01: COBOT KIT, UR, QC-7 WITH ML8 MODULES, MASTER IP BC50, TOOL IP BC50
2. KIT CONTAINS FASTENERS AND TOOLS TO ADAPT A QC-7 TOOL CHANGER TO A UR ROBOT.
3. LOCK AND UNLOCK SENSORS ARE PNP WITH .2m LONG CABLES WITH STRAIGHT M8 CONNECTORS. EXTENSION CABLES, 5m LONG, (8590-9909999-15) ARE INCLUDED. SEE SHEET 3 FOR WIRING DETAILS.
4. CUSTOMER IS RESPONSIBLE FOR PNEUMATIC EQUIPMENT TO CONNECT TO THE TOOL CHANGER MASTER'S LOCK AND UNLOCK FITTINGS.
5. ML8 MODULES ELECTRICAL RATING = 30 VDC, 1A
SEE SHEET 3 FOR WIRING DETAILS.
REFER TO 9630-20-ML8 FOR SPECIFIC ML8 MODULE DETAILS.
6. REFER TO 9630-20-007CM 007DT FOR SPECIFIC QC-7 TOOL CHANGER DETAILS.
7. REFER TO 9630-20-TSS-MMH-11392 FOR SPECIFIC TOOL HANGER AND RAIL ADAPTER DETAILS.

NOTES: UNLESS OTHERWISE SPECIFIED.

DO NOT SCALE DRAWING. ALL DIMENSIONS ARE IN MILLIMETERS.



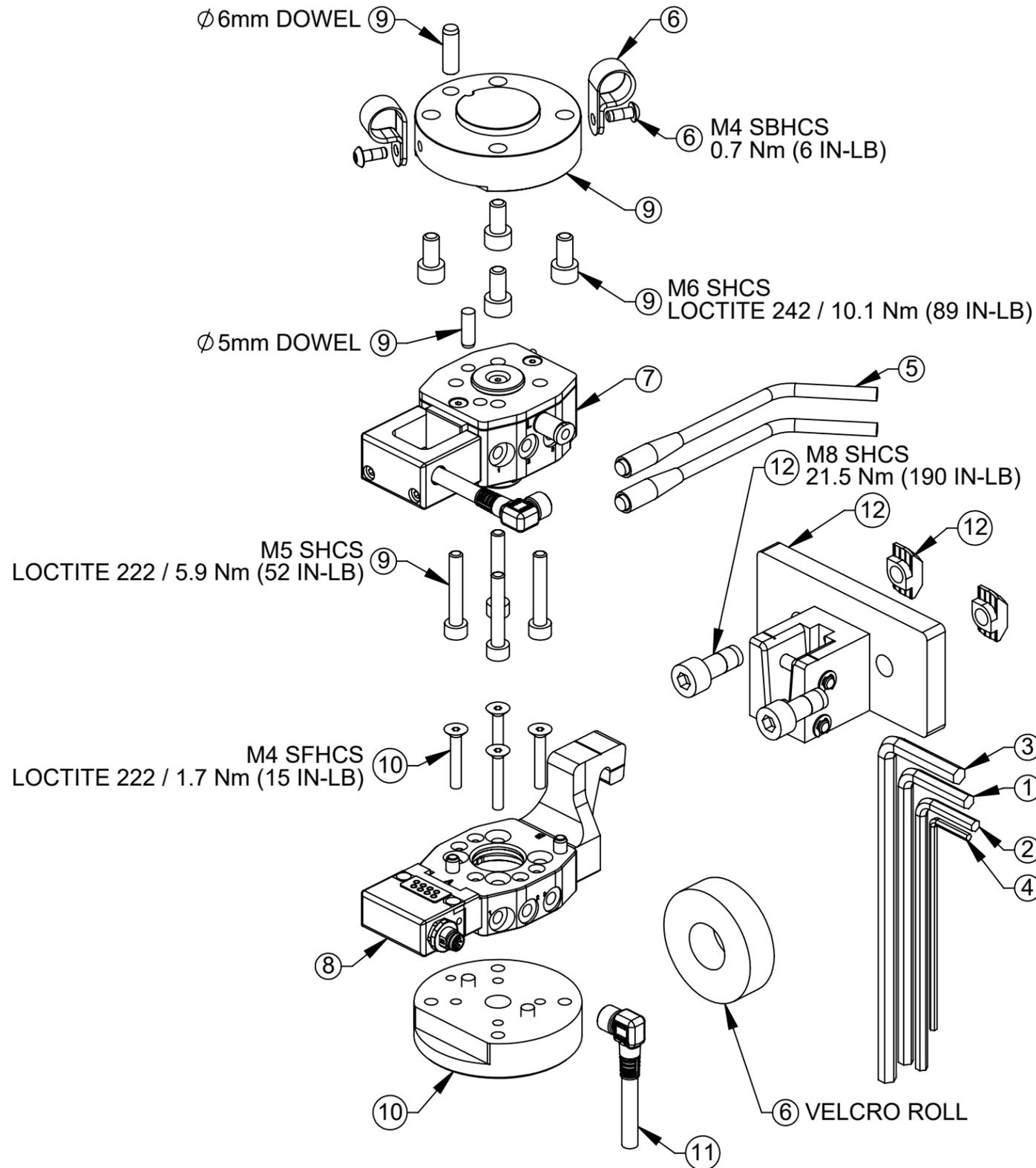
1031 Goodworth Drive, Apex, NC 27539, USA
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DRAWN BY: M. GALA 11/19/20		TITLE	
CHECKED BY: D. FAUST 12/10/20		QC-7 COBOT KIT (UR) DRAWING	
PROJECT # 200408-1	SHEET 1 OF 3	SCALE	REVISION
		1:1	01
		SIZE	DRAWING NUMBER
		B	9630-20-COB-UR-007-01

KIT COMPONENTS

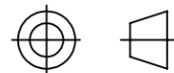
9120-COB-UR-007-01



ITEM NO.	QTY	PART NUMBER	DESCRIPTION
1	1	3690-0000103-00	ALLEN KEY, 5mm, HIGH VISIBILITY BLUE
2	1	3690-0000105-00	ALLEN KEY, 4mm, HIGH VISIBILITY BLUE
3	1	3690-0000106-00	ALLEN KEY, 6mm, HIGH VISIBILITY BLUE
4	1	3690-0000109-00	ALLEN KEY, 2.5mm, HIGH VISIBILITY BLUE
5	2	8590-9909999-15	HIGH-FLEX CABLE WITH STRAIGHT SCREW-ON CONNECTOR, 5M (16.4 FT.) LONG WITH FLYING LEADS (TYPE - BB)
6	1	9005-20-9111	QC-7M CABLE AND TUBING MANAGEMENT KIT FOR IP-10719
7	1	9120-007CM-ML8-0-SM	QC-7 MASTER, ORANGE BODY, 20mm BOSS, PNP INDUCTIVE SENSORS WITH .2M POTTED CABLE AND STRAIGHT M8 CONNECTOR
8	1	9120-007DT-ML8-H1	QC-7 TOOL, ML8 MODULE, TOOL HOOK
9	1	9120-007M-IP-10719-E060A15	IP KIT FOR QC-7 MASTER TO BC50, (4)M6, BOSS 31.5, DOWEL 6; INCLUDES MOUNTING SCREWS WITH 6.0mm ENGAGEMENT
10	1	9120-007T-IP-11291	IP KIT FOR QC-7 TOOL TO BC50, (4) M6, RECESS 31.5, DOWEL 6
11	1	9120-C-0321208-00-1	CABLE, FEMALE 8-PIN M8 THREAD CONNECTOR, RIGHT ANGLE, FLYING LEADS, 1 METER
12	1	9120-TSS-MMH-11392	QC-7 POST HANGER AND RAIL ADAPTER MODULE

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3rd ANGLE PROJECTION



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DRAWN BY: M. GALA 11/19/20

CHECKED BY: D. FAUST 12/10/20

TITLE

QC-7 COBOT KIT (UR) DRAWING

PROJECT # 200408-1 SHEET 2 OF 3

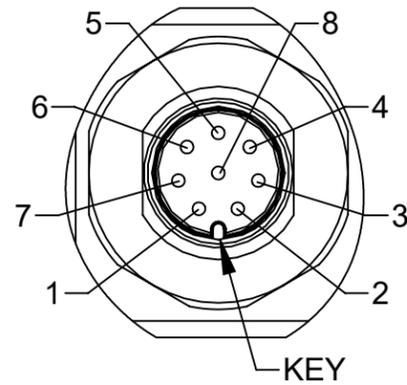
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SIZE
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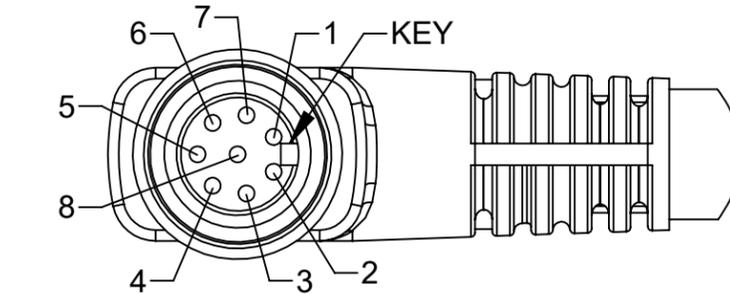
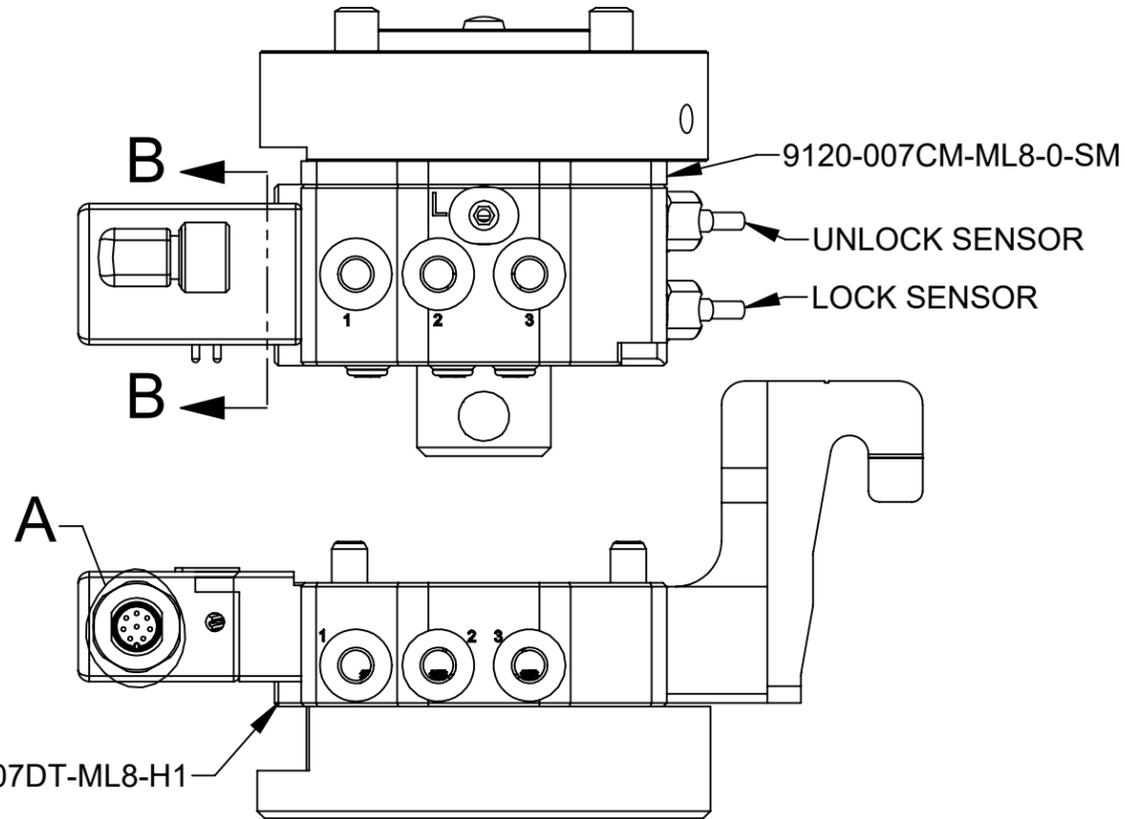
DRAWING NUMBER
9630-20-COB-UR-007-01

REVISION
01

WIRING INFORMATION

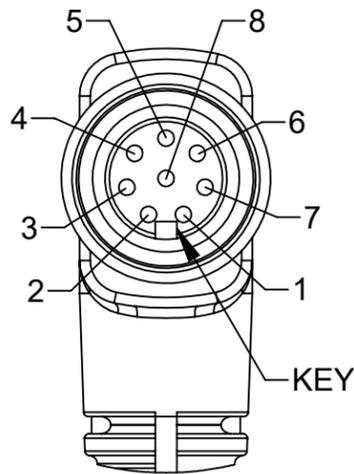


DETAIL A
TOOL 8-PIN
MALE M8 CONNECTOR
BINDER #09-3427-00-08
SCALE 3 : 1



VIEW B-B
MASTER 8-PIN
FEMALE M8 CONNECTOR
BINDER #77-3408-0000-50008
SCALE 3 : 1

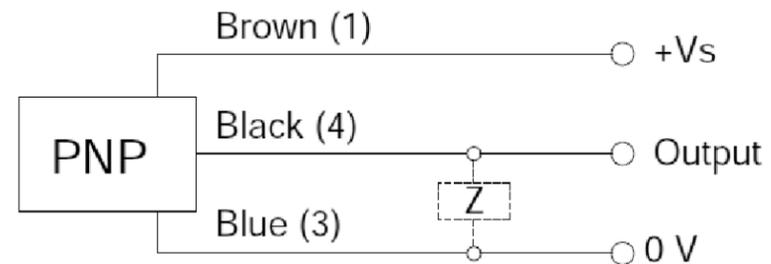
LOCK/UNLOCK SENSOR CONNECTIONS



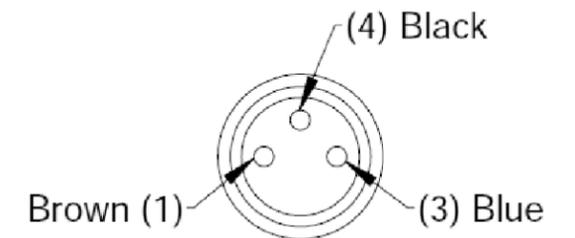
TOOL CORDSET 8-PIN
FEMALE M8 CONNECTOR
BINDER #77-3408-0000-50008-0100
SCALE 3 : 1

PART NUMBER: 9120-C-0321208-00-1	
REFERENCE: BINDER #77-3408-0000-50008-0100	
PIN	COLOR
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GREY
6	PINK
7	BLUE
8	RED

PNP (Current Sourcing)



Connector



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DRAWN BY: M. GALA 11/19/20		TITLE	
CHECKED BY: D. FAUST 12/10/20		QC-7 COBOT KIT (UR) DRAWING	
PROJECT # 200408-1	SHEET 3 OF 3	SCALE 1:1	SIZE B
DRAWING NUMBER 9630-20-COB-UR-007-01		REVISION 01	