

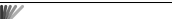
NOTES:
1.) ACTUATORS WITH HARD-TO-REACH AREAS WILL USE THE PRESSURE SENSORS WITH A SHORT CABLE ATTACHED.

REVISIONS						
SCH REV	PCB REV	ECO No.	DESCRIPTION	DATE	BY	APPROVED
1	N/A	NONE	CREATED 07-JUL-2021. INITIAL RELEASE.	DD-MMM-2021	SSH	N/A
2	-	-	-	-	-	-
3	-	-	-	-	-	-

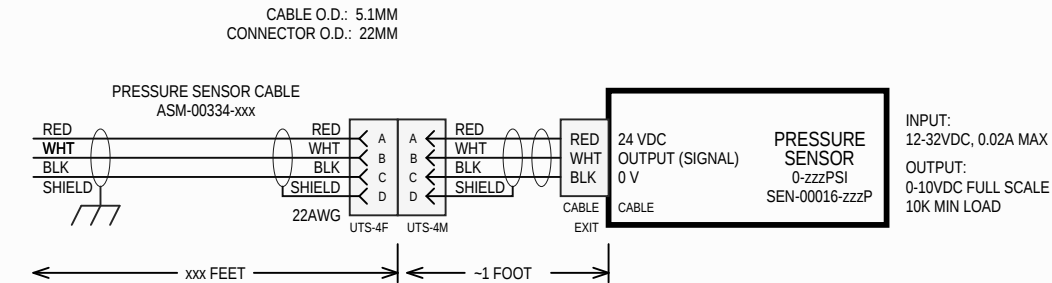
KYNTRONICS SMART EHA ACTUATOR PROCESS CONTROL CABLE CONNECTIONS

ADDITIONAL BILL-OF-MATERIALS ITEMS

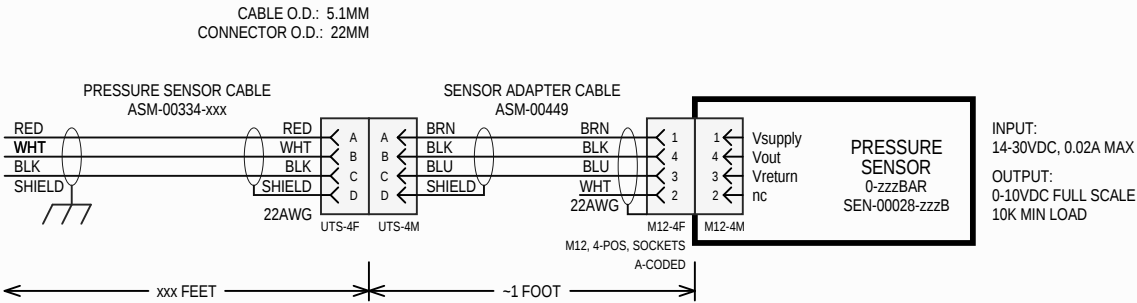
WIP 15-MAY-2024

 Kyntronics 6565 DAVIS INDUSTRIAL PKWY SOLON, OHIO 44139	REFERENCE	SHA	DATE	SHEET TITLE:			
	APPROVED BY	SS HULING	DD-MMM-2021	TITLE SHEET			
	CHECKED BY	SS HULING	DD-MMM-2021	DRAWING TITLE: KYNTRONICS SMART HYDRAULIC ACTUATOR PROCESS CONTROL CONNECTIONS			
	DRAWN BY	SSH	07-JUL-2021				
UNLESS OTHERWISE SPECIFIED TOLERANCES .X +/- 0.030 .XX +/- 0.010 .XXX +/- 0.005 ANGLES +/- 30' DO NOT SCALE DRAWING	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KYNTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KYNTRONICS IS PROHIBITED.			SIZE	CAGE CODE	DWG No.	REV
				B	7XK37	SCH-00041	0
				SCALE: N/A		WEIGHT: N/A	SHEET 1 OF 11

STANDARD: VOLTAGE OUTPUT (PSI) PRESSURE SENSORS USING ATTACHED SHORT CABLE



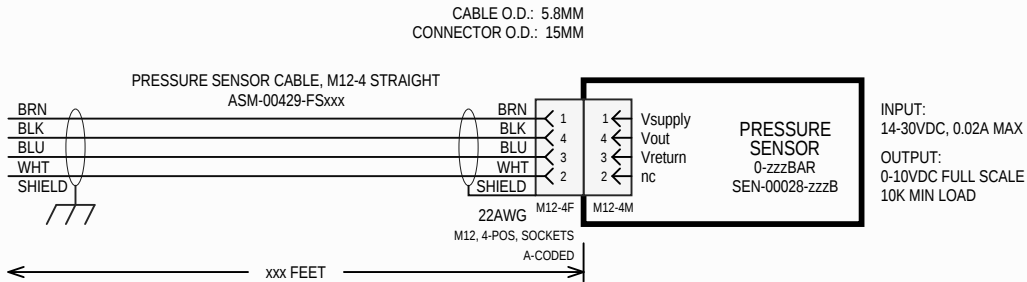
ALTERNATE #1: VOLTAGE OUTPUT (BAR) PRESSURE SENSORS USING ADAPTER CABLE



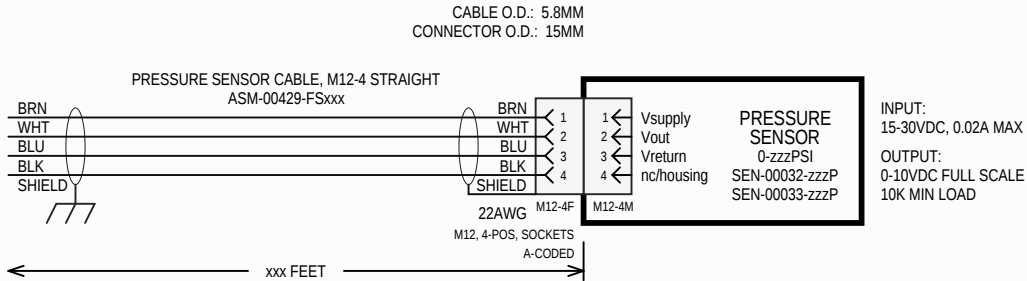
 6565 DAVIS INDUSTRIAL PKWY SOLON, OHIO 44139	REFERENCE	SHEET 1	DATE	SHEET TITLE:	
	APPROVED BY	SS HULING	DD-MMM-2021	PRESSURE SENSORS	
	CHECKED BY	SS HULING	DD-MMM-2021	DRAWING TITLE:	
	DRAWN BY	SSH	07-JUL-2021	KYNTRONICS SMART HYDRAULIC ACTUATOR PROCESS CONTROL CONNECTIONS	
UNLESS OTHERWISE SPECIFIED TOLERANCES X +/- 0.030 .XX +/- 0.010 .XXX +/- 0.005 ANGLES +/- .30° DO NOT SCALE DRAWING	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KYNTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KYNTRONICS IS PROHIBITED.			SIZE B	CAGE CODE 7XK37
				DWG No. SCH-00041	REV 0
SCALE: N/A		WEIGHT: N/A		SHEET 2 OF 11	

WIP 15-MAY-2024

ALTERNATE #2: VOLTAGE OUTPUT (BAR) PRESSURE SENSORS USING DIRECT-CONNECT CABLE -- M12, 4-POS, A-CODED



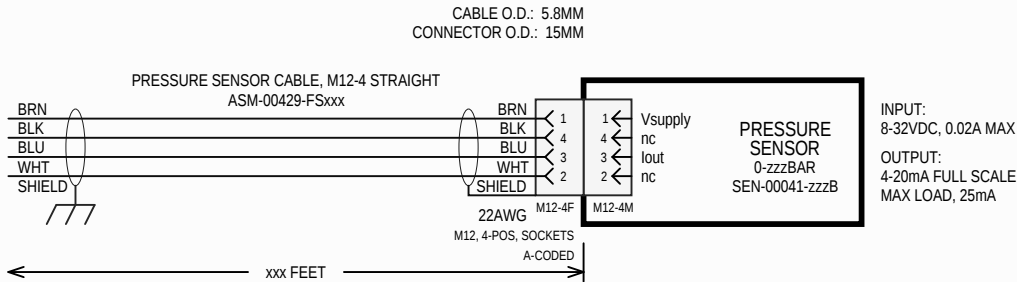
ALTERNATE #3: VOLTAGE OUTPUT (PSI) PRESSURE SENSORS USING DIRECT-CONNECT CABLE -- M12, 4-POS, A-CODED



 Kyntronics 6565 DAVIS INDUSTRIAL PKWY SOLON, OHIO 44139	REFERENCE	SHEET 1	DATE	SHEET TITLE: PRESSURE SENSORS	
	APPROVED BY	SS HULING	DD-MMM-2021	DRAWING TITLE: KYNTRONICS SMART HYDRAULIC ACTUATOR PROCESS CONTROL CONNECTIONS	
	CHECKED BY	SS HULING	DD-MMM-2021	SIZE: B 7XK37	
	DRAWN BY	SSH	07-JUL-2021	DWG No. SCH-00041	
UNLESS OTHERWISE SPECIFIED TOLERANCES X +/- 0.030 .XX +/- 0.010 .XXX +/- 0.005 ANGLES +/- 30'	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KYNTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KYNTRONICS IS PROHIBITED.			REV	0
	DO NOT SCALE DRAWING			SCALE: N/A	WEIGHT: N/A
SHEET 3 OF 11					

WIP 15-MAY-2024

ALTERNATE #4: CURRENT OUTPUT (BAR) PRESSURE SENSORS USING DIRECT-CONNECT CABLE -- M12, 4-POS, A-CODED

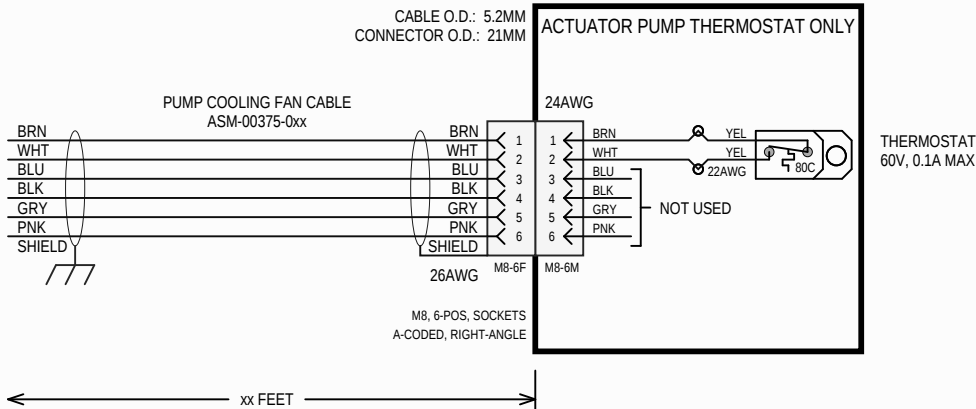
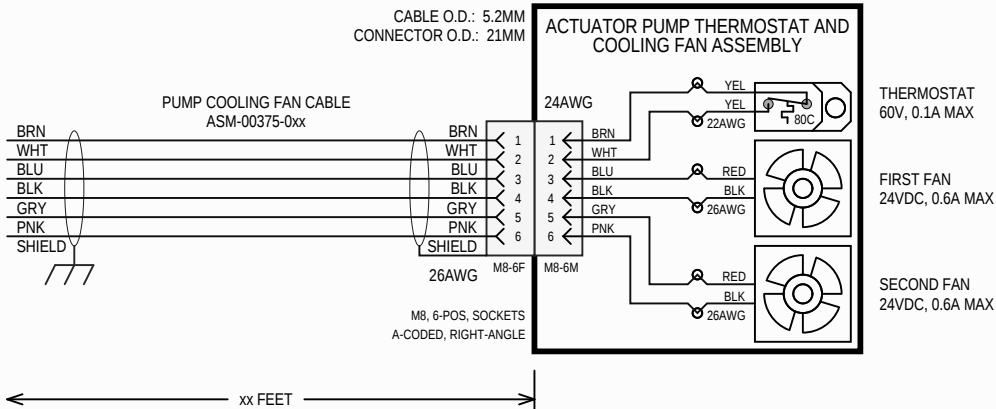


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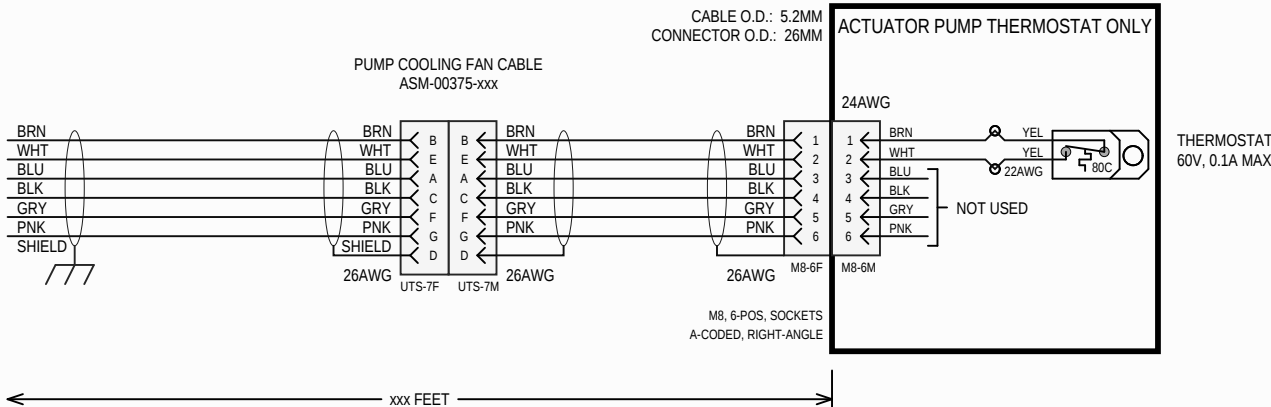
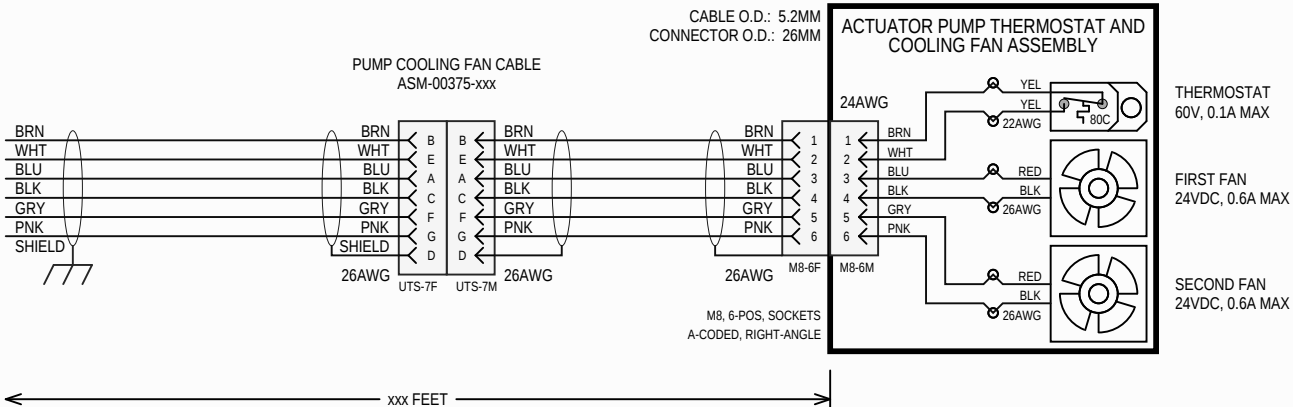
Kyntronics 6565 DAVIS INDUSTRIAL PKWY SOLON, OHIO 44139 UNLESS OTHERWISE SPECIFIED TOLERANCES X +/- 0.030 .XX +/- 0.010 .XXX +/- 0.005 ANGLES +/- .30° DO NOT SCALE DRAWING	REFERENCE	SHEET 1	DATE	SHEET TITLE:	
	APPROVED BY	SS HULING	DD-MMM-2021	PRESSURE SENSORS	
	CHECKED BY	SS HULING	DD-MMM-2021	DRAWING TITLE:	
	DRAWN BY	SSH	07-JUL-2021	KYNTRONICS SMART HYDRAULIC ACTUATOR PROCESS CONTROL CONNECTIONS	
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KYNTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KYNTRONICS IS PROHIBITED.	SIZE	CAGE CODE	DWG No.	REV	
	B	7XK37	SCH-00041	0	
SCALE: N/A		WEIGHT: N/A	SHEET 4	OF 11	

WIP 15-MAY-2024

PUMP THERMAL MANAGEMENT, FOR CABLE LENGTHS UP TO 32 FEET



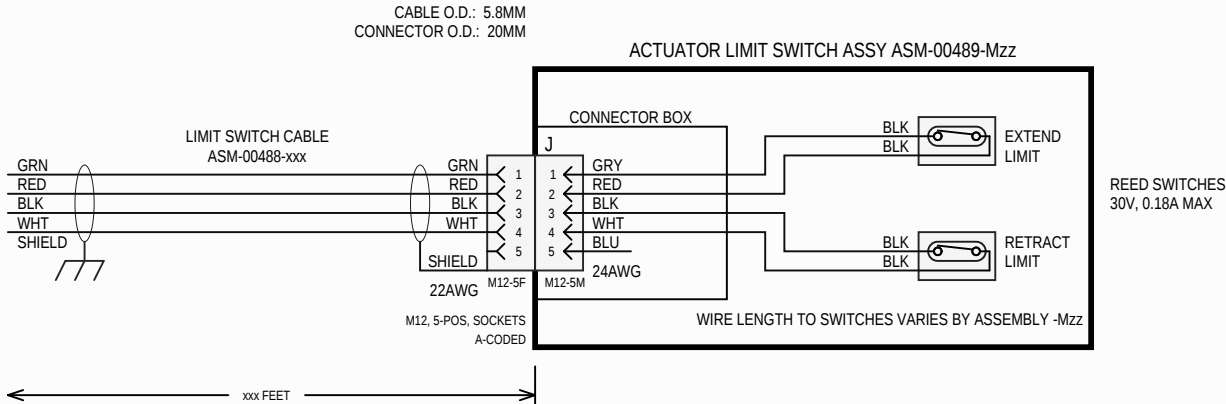
PUMP THERMAL MANAGEMENT, FOR CABLE LENGTHS OVER 32 FEET



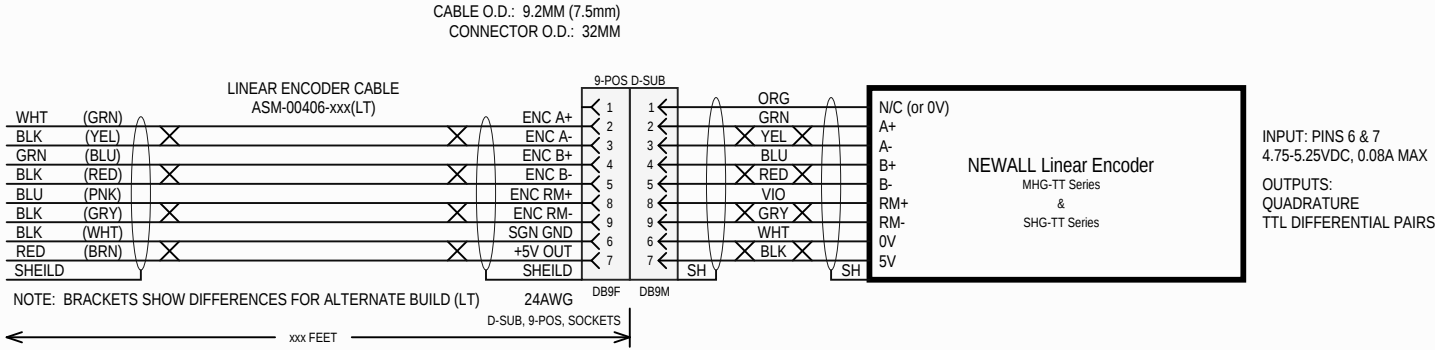
 Kyntronics 6565 DAVIS INDUSTRIAL PKWY SOLON, OHIO 44139	REFERENCE	SHEET 1	DATE	SHEET TITLE:	
	APPROVED BY	SS HULING	DD-MMM-2021	PUMP THERMAL MANAGEMENT	
	CHECKED BY	SS HULING	DD-MMM-2021	DRAWING TITLE:	
	DRAWN BY	SSH	07-JUL-2021	KYNTRONICS SMART HYDRAULIC ACTUATOR PROCESS CONTROL CONNECTIONS	
UNLESS OTHERWISE SPECIFIED TOLERANCES X +/- 0.030 .XXX +/- 0.010 ANGLES +/- .30° DO NOT SCALE DRAWING	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KYNTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KYNTRONICS IS PROHIBITED.			SIZE	CAGE CODE
				B	7XK37
				DWG No.	SCH-00041
		SCALE: N/A	WEIGHT: N/A	SHEET 5 OF 11	REV 0

WIP 15-MAY-2024

LINEAR POSITION LIMIT SWITCHES -- M12, 5-POS, A-CODED



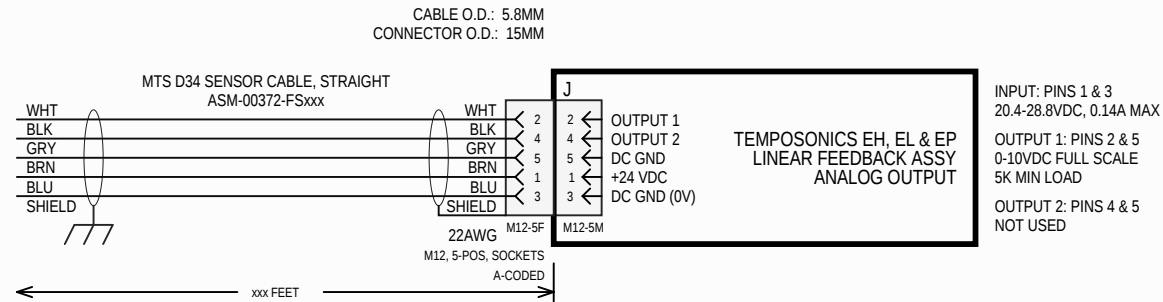
LINEAR POSITION NEWALL MHG-TT & SHG-TT INCREMENTAL QUADRATURE -- D-SUB, 9-POS



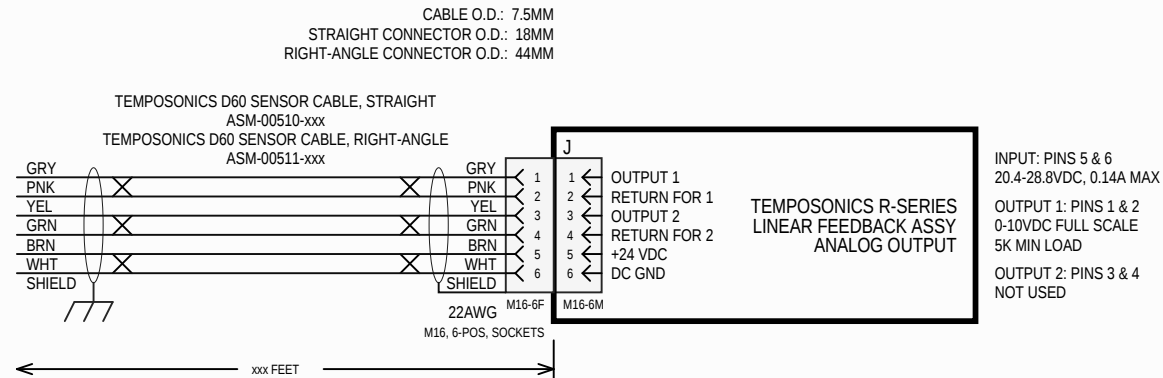
 Kyntronics 6565 DAVIS INDUSTRIAL PKWY SOLON, OHIO 44139	REFERENCE	SHEET 1	DATE	SHEET TITLE:	
	APPROVED BY	SS HULING	DD-MMM-2021	LINEAR POSITION	
	CHECKED BY	SS HULING	DD-MMM-2021	DRAWING TITLE:	
	DRAWN BY	SSH	07-JUL-2021	KYNTRONICS SMART HYDRAULIC ACTUATOR PROCESS CONTROL CONNECTIONS	
UNLESS OTHERWISE SPECIFIED TOLERANCES X +/- 0.030 .XX +/- 0.010 .XXX +/- 0.005 ANGLES +/- .30° DO NOT SCALE DRAWING	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KYNTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KYNTRONICS IS PROHIBITED.			SIZE	CAGE CODE
				B	7XK37
				DWG No.	REV
				SCH-00041	0
SCALE: N/A		WEIGHT: N/A		SHEET 6	OF 11

WIP 15-MAY-2024

LINEAR POSITION TEMPOSONICS ANALOG (D34) -- M12, 5-POS, A-CODED



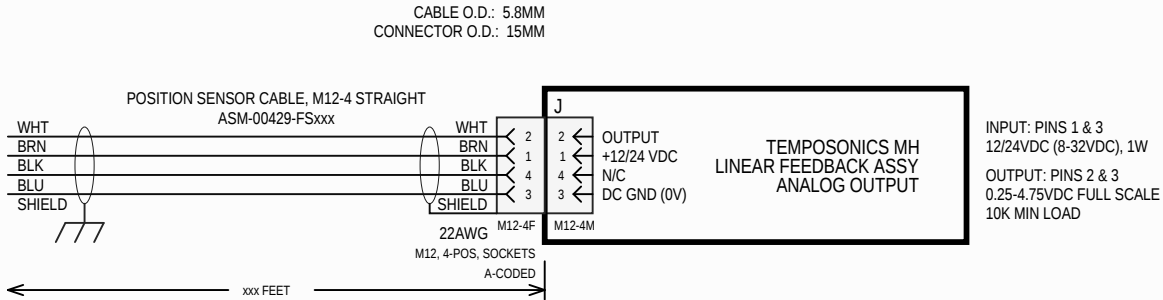
LINEAR POSITION TEMPOSONICS ANALOG (D60) -- M16, 6-POS



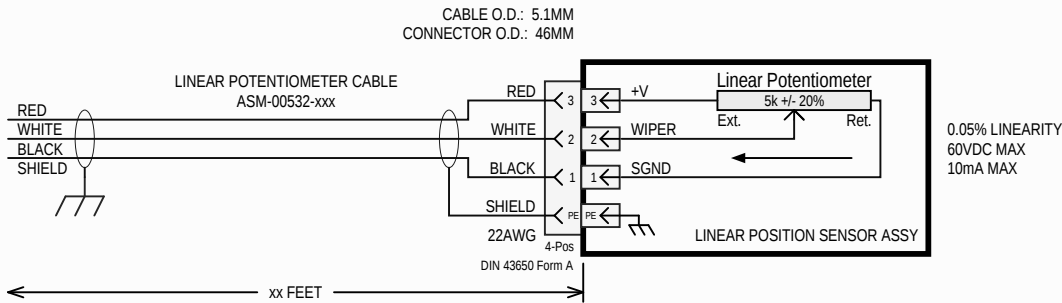
 Kyntronics 6565 DAVIS INDUSTRIAL PKWY SOLON, OHIO 44139	REFERENCE	SHEET 1	DATE	SHEET TITLE:	
	APPROVED BY	SS HULING	DD-MMM-2021	LINEAR POSITION	
	CHECKED BY	SS HULING	DD-MMM-2021	DRAWING TITLE:	
	DRAWN BY	SSH	07-JUL-2021	KYNTRONICS SMART HYDRAULIC ACTUATOR PROCESS CONTROL CONNECTIONS	
UNLESS OTHERWISE SPECIFIED TOLERANCES X +/- 0.030 .XX +/- 0.010 .XXX +/- 0.005 ANGLES +/- .30° DO NOT SCALE DRAWING	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KYNTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KYNTRONICS IS PROHIBITED.			SIZE	CAGE CODE
				B	7XK37
		DWG No.	REV		
		SCH-00041	0		
SCALE: N/A		WEIGHT: N/A	SHEET 7	OF 11	

WIP 15-MAY-2024

LINEAR POSITION TEMPOSONICS MH ANALOG -- M12, 4-POS, A-CODED



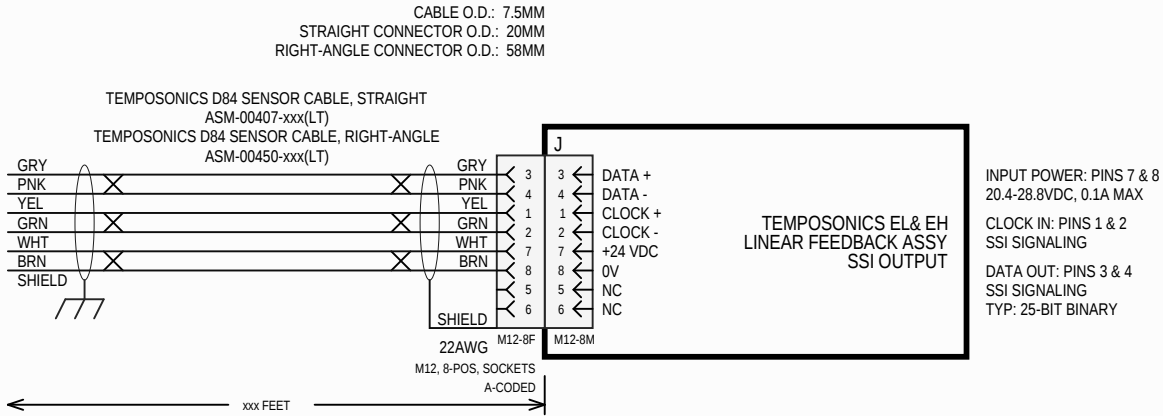
LINEAR POSITION GEFRAAN LTM ANALOG-- DIN 43650, 4-POS, FORM A



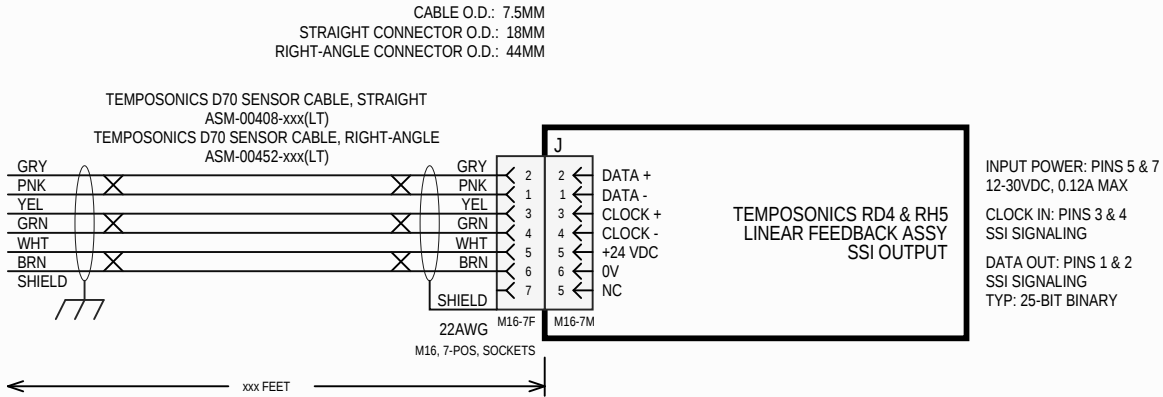
 Kyntronics 6565 DAVIS INDUSTRIAL PKWY SOLON, OHIO 44139	REFERENCE	SHEET 1	DATE	SHEET TITLE: LINEAR POSITION	
	APPROVED BY	SS HULING	DD-MMM-2021	DRAWING TITLE: KYNTRONICS SMART HYDRAULIC ACTUATOR PROCESS CONTROL CONNECTIONS	
	CHECKED BY	SS HULING	DD-MMM-2021		
	DRAWN BY	SSH	07-JUL-2021		
UNLESS OTHERWISE SPECIFIED TOLERANCES X +/- 0.030 .XX +/- 0.010 .XXX +/- 0.005 ANGLES +/- .30° DO NOT SCALE DRAWING	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KYNTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KYNTRONICS IS PROHIBITED.			SIZE B	CAGE CODE 7XK37
				DWG No. SCH-00041	REV 0
				SCALE: N/A	WEIGHT: N/A
			SHEET 8 OF 11		

WIP 15-MAY-2024

LINEAR POSITION TEMPOSONICS SSI (D84) -- M12, 8-POS



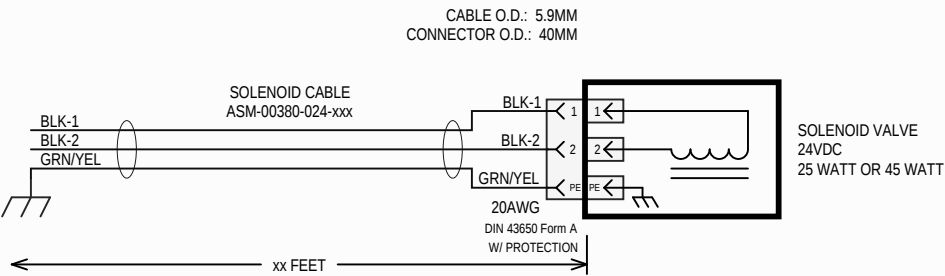
LINEAR POSITION TEMPOSONICS SSI (D70) -- M16, 7-POS



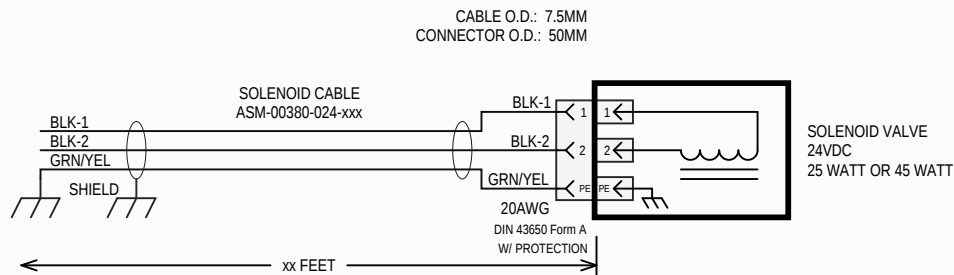
 Kyntronics 6565 DAVIS INDUSTRIAL PKWY SOLON, OHIO 44139	REFERENCE	SHEET 1	DATE	SHEET TITLE:	
	APPROVED BY	SS HULING	DD-MMM-2021	LINEAR POSITION	
	CHECKED BY	SS HULING	DD-MMM-2021	DRAWING TITLE:	
	DRAWN BY	SSH	07-JUL-2021	KYNTRONICS SMART HYDRAULIC ACTUATOR PROCESS CONTROL CONNECTIONS	
UNLESS OTHERWISE SPECIFIED TOLERANCES X +/- 0.030 .XX +/- 0.010 .XXX +/- 0.005 ANGLES +/- .30° DO NOT SCALE DRAWING	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KYNTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KYNTRONICS IS PROHIBITED.			SIZE B	CAGE CODE 7XK37
				DWG No. SCH-00041	REV 0
SCALE: N/A		WEIGHT: N/A		SHEET 9	OF 11

WIP 15-MAY-2024

SOLENOIDS, 24VDC, FOR CABLE LENGTHS UP TO 16 FEET



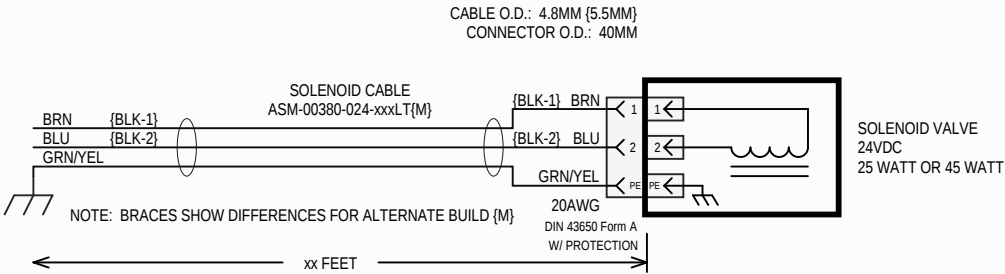
SOLENOIDS, 24VDC, FOR CABLE LENGTHS OVER 16 FEET



 6565 DAVIS INDUSTRIAL PKWY SOLON, OHIO 44139	REFERENCE	SHEET 1	DATE	SHEET TITLE:	
	APPROVED BY	SS HULING	DD-MMM-2021	SOLENOIDS	
	CHECKED BY	SS HULING	DD-MMM-2021	DRAWING TITLE:	
	DRAWN BY	SSH	07-JUL-2021	KYNTRONICS SMART HYDRAULIC ACTUATOR PROCESS CONTROL CONNECTIONS	
UNLESS OTHERWISE SPECIFIED TOLERANCES X +/- 0.030 .XX +/- 0.010 .XXX +/- 0.005 ANGLES +/- .30° DO NOT SCALE DRAWING	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KYNTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KYNTRONICS IS PROHIBITED.			SIZE	CAGE CODE
				B	7XK37
		DWG No.	REV		
		SCH-00041	0		
SCALE: N/A		WEIGHT: N/A	SHEET 10	OF 11	

WIP 15-MAY-2024

SOLENOIDS, 24VDC, FOR ALL CABLE LENGTHS ENDING IN "LT"



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 6565 DAVIS INDUSTRIAL PKWY SOLON, OHIO 44139	REFERENCE	SHEET 1	DATE	SHEET TITLE:		
	APPROVED BY	SS HULING	DD-MMM-2021	SOLENOIDS		
	CHECKED BY	SS HULING	DD-MMM-2021	DRAWING TITLE:		
	DRAWN BY	SSH	07-JUL-2021	KYNTRONICS SMART HYDRAULIC ACTUATOR PROCESS CONTROL CONNECTIONS		
UNLESS OTHERWISE SPECIFIED TOLERANCES X +/- 0.030 .XX +/- 0.010 .XXX +/- 0.005 ANGLES +/- 30'	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF KYNTRONICS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF KYNTRONICS IS PROHIBITED.			SIZE	CAGE CODE	DWG No.
	DO NOT SCALE DRAWING			B	7XK37	SCH-00041
SCALE: N/A		WEIGHT: N/A		SHEET 11 OF 11		
				REV 0		

WIP 15-MAY-2024