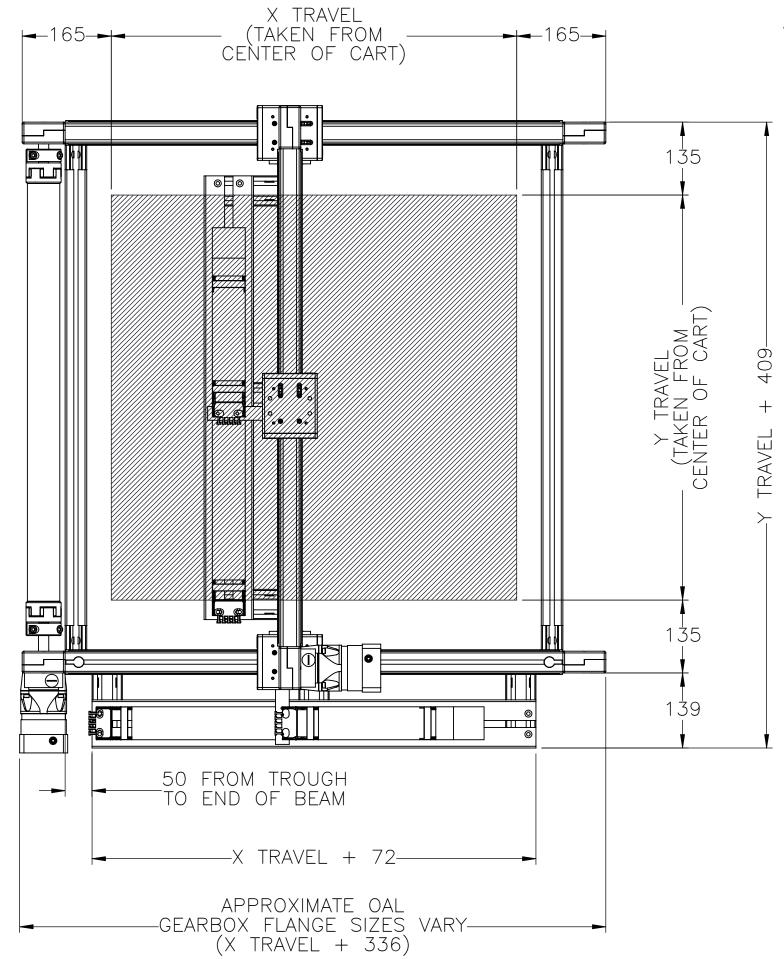
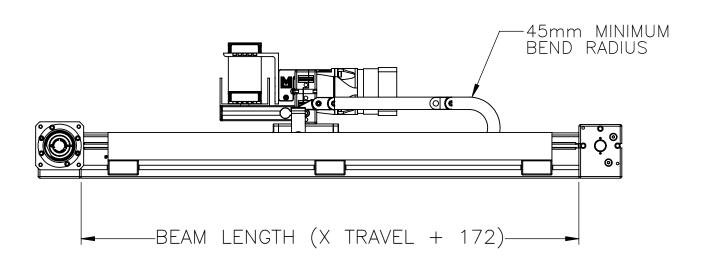
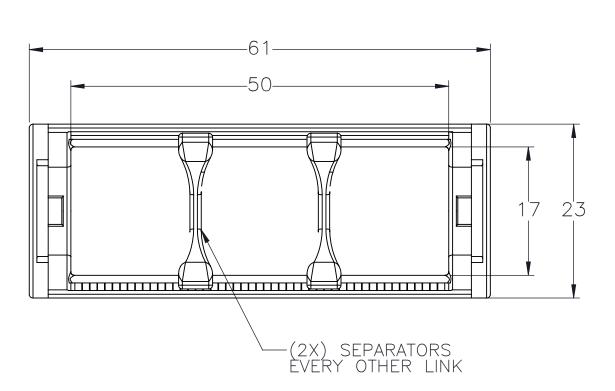
GEARBOX MODEL (X AXIS) MPG-064MPG-084 MRG-064MRG-084 RATIO: GEARBOX MODEL (Y AXIS)	MGS-M6S-		ENTER Y-AXIS TRAVEL - TRAVEL IN INCREMENTS OF 25mm TRAVEL LIMITS: 150mm-2500mm
MPG-064MPG-084 MRG-064MRG-084 RATIO:			ENTER X-AXIS TRAVEL - TRAVEL IN INCREMENTS OF 25mm TRAVEL LIMITS: 150mm-5825mm *IF TRAVEL IS
FOR DIRECT DRIVE OPTION WITH M. (NO GEARBOX) CHECK HERE:		X' AXIS	OUTSIDE LIMITS LISTED, CONTACT MACRON*
MOTOR INFORMATION (X AXIS) MANUFACTURER: MODEL:	Y AXIS—		REMOVABLE SHIPPING BEAM
MOTOR INFORMATION (Y AXIS) MANUFACTURER: MODEL:			—X AXIS
SENSOR INFORMATION X-AXIS: HOME-QTY 244 EOT-QTY 244		REMOVABLE SHIPPING BEAM	
SENSOR INFORMATION Y-AXIS: HOME-QTY 244 EOT-QTY 244	_		45mm MIN BEND RADIUS
(SEE T—SLOT SENSOR KIT SHEE FOR PART NUMBER CONFIGURAT			MPG-084 GEARBOX
		MPG-084 GEARBOX-	
APPROVED:		DRAWN BY: PHW	DATE: 11/26/2017 MATERIAL: TITLE:
DATE:PO:REFERENCE#:		CHECKED BY: ——	DATE: DD/MM/YYYY DATE: 9/15/2023 MACRON M6S XY GANTRY
		THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION, MANUFACTURING, OR PURCHASING PURPOSES ONLY. RELEASE OF DRAWINGS TO OTHER CONCERNS DOES NOT CONSTITUTE LICENSING IN ANY WAY. INFORMATION CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL THIRD ANGLE	SHARP EDGES PPLY AFTER FINISHING 1 OF 6 MGS-M6S-X-X-X

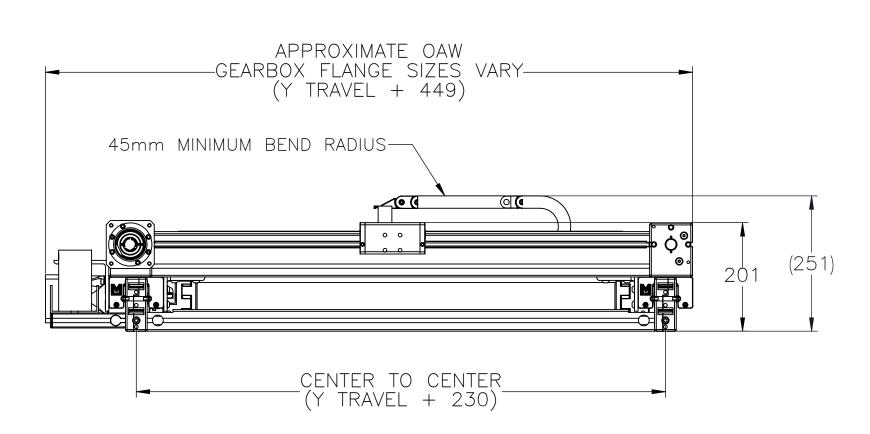
WORK ENVELOPE AND GANTRY FOOTPRINT





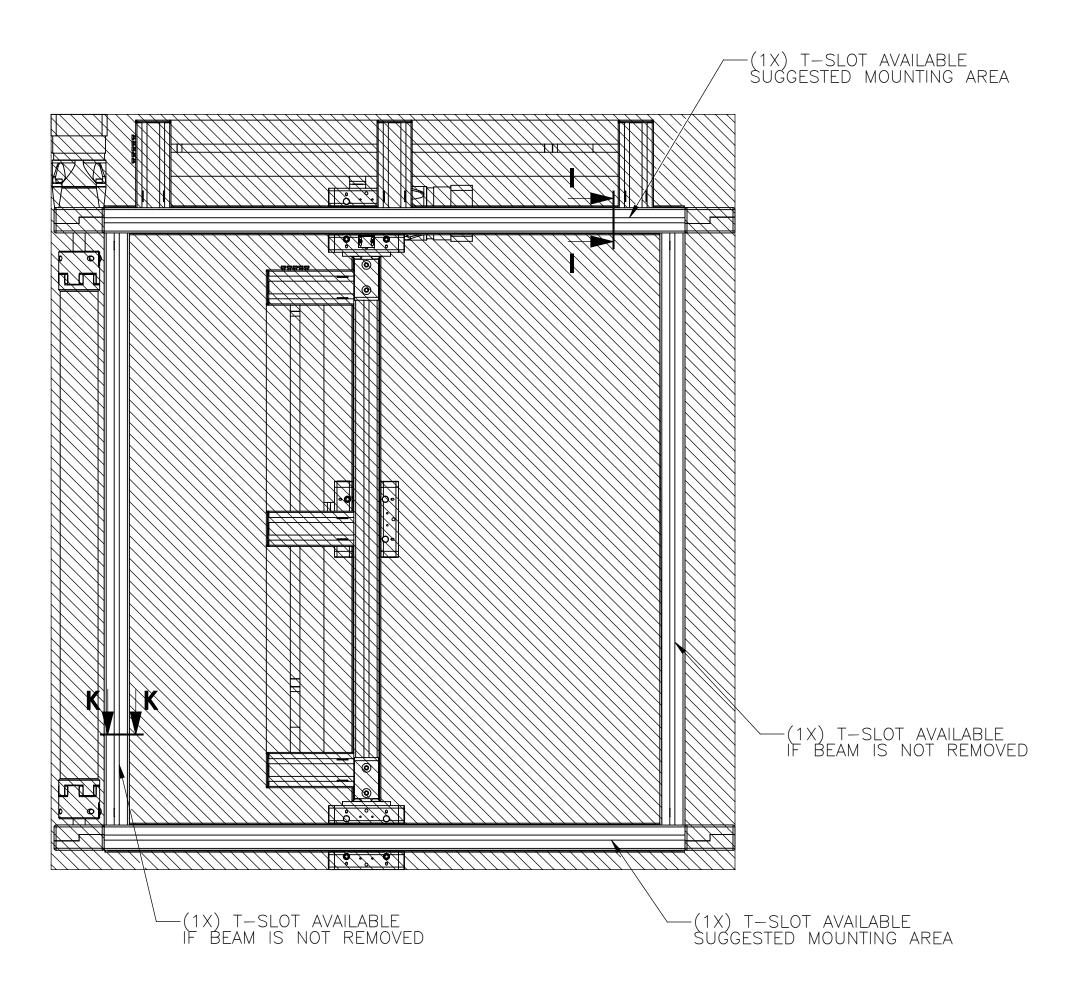


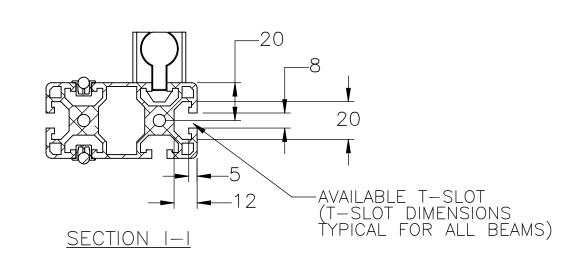
CABLE TRACK CROSS SECTION (SAME FOR BOTH AXES)

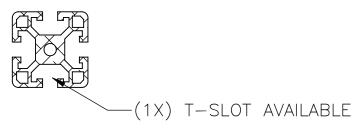


	DRAWN BY: PHW	DATE: 11/26/2017	MATERIAL:		TITLE:		
	CHECKED BY: — —	DATE: DD/MM/YYYY			MACRON	M6S >	ΧY
	LAST SAVED BY: Tim	DATE: 9/15/2023			GAI	NTRY	
MACRON	UNLESS OTHERWISE SPECI	.X ± .03 FIED, .XX ± .010	FINISH:				
MACRON DYNAMICS INC	DIMENSIONS ARE IN INCHE TOLERANCES UNLESS NO OTHERWISE:	· 5.					
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION,	SURFACE FIN	ISH 63			SCALE 1:1	SHEET SIZE	
MANUFACTURING, OR PURCHASING PURPOSES ONLY. RELEASE OF DRAWINGS TO OTHER CONCERNS DOES NOT CONSTITUTE LICENSING IN ANY WAY. INFORMATION	BREAK ALL S DIMENSIONAL LIMITS A	SHARP EDGES APPLY AFTER FINISHING		PART NUMBER	GS-M6S-XY		REV
CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	PROJECTION		IVIC)		

GANTRY MOUNTING FEATURES

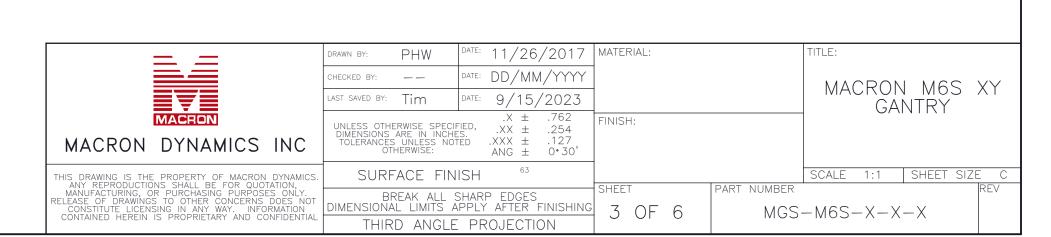




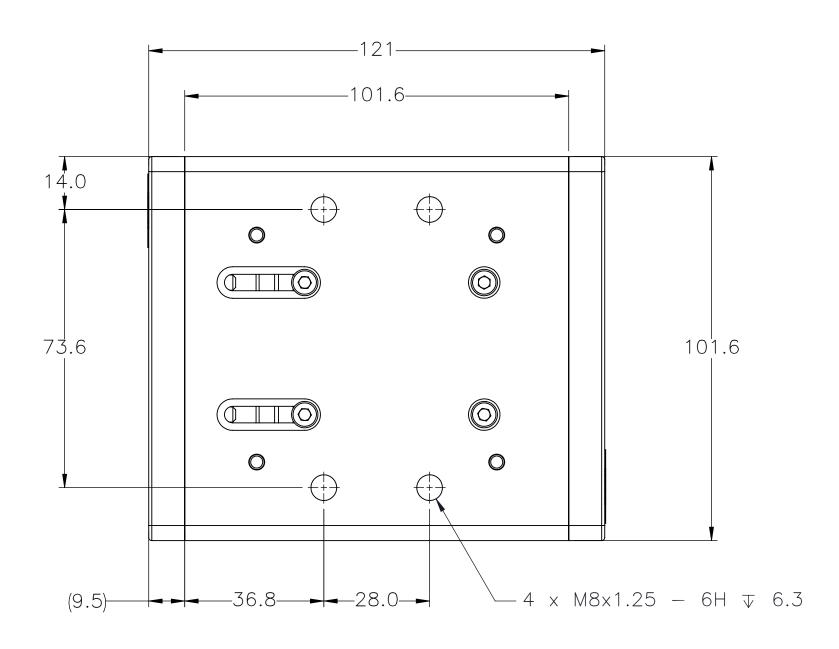


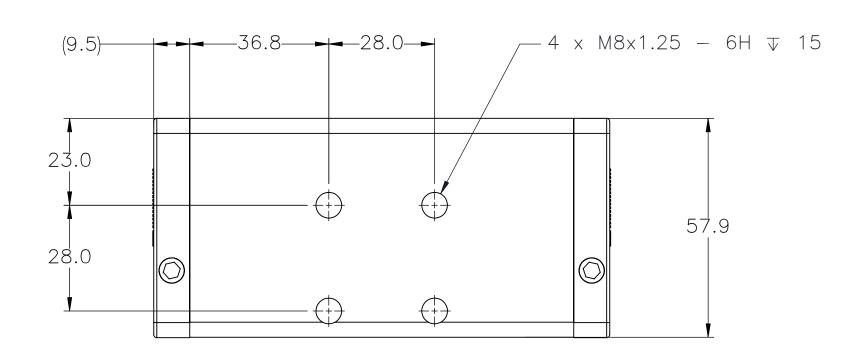
SECTION K-K

BOTTOM VIEW

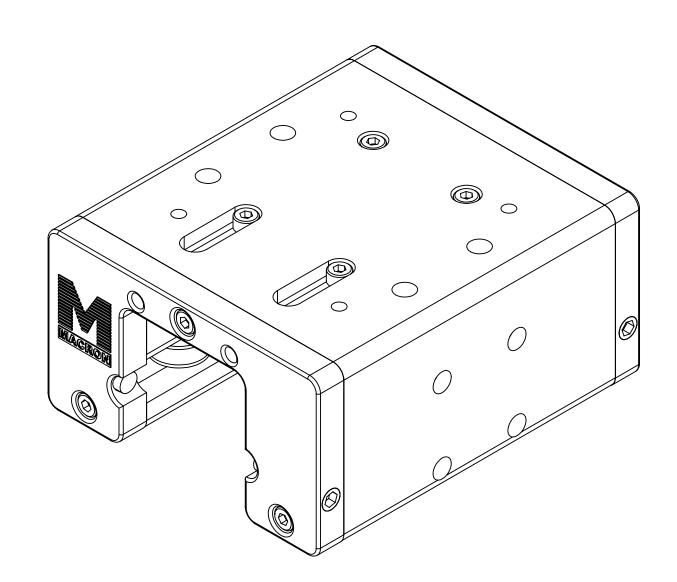


CART MOUNTING FEATURES





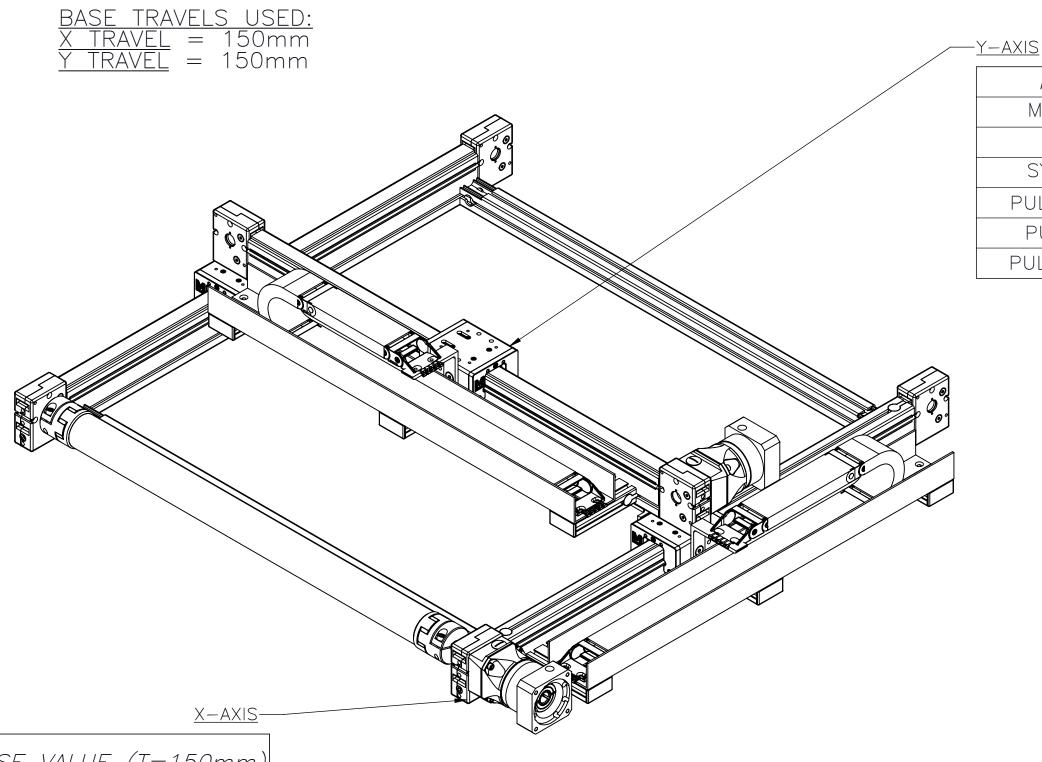
HOLE PATTERN IS THE SAME ON BOTH SIDES OF CART



		DATE / /	Turesu	T	
_ <i></i>	DRAWN BY: PHW	DATE: 11/26/2017	MATERIAL:	TITLE:	C OADT
=	CHECKED BY: — —	DATE: DD/MM/YYYY		MACRON ASSEMBL	
	last saved by: Tim	DATE: 9/15/2023		ASSEMBL	_ [
MACRON DYNAMICS INC	UNLESS OTHERWISE SPECII DIMENSIONS ARE IN INCHE TOLERANCES UNLESS NO OTHERWISE:	S. 1	FINISH:		
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS.	SURFACE FIN	ISH ⁶³		SCALE 1:1	SHEET SIZE C
ANY REPRODUCTIONS SHALL BE FOR QUOTATION, MANUFACTURING, OR PURCHASING PURPOSES ONLY, RELEASE OF DRAWINGS TO OTHER CONCERNS DOES NOT CONSTITUTE LICENSING IN ANY WAY. INFORMATION		SHARP EDGES PPLY AFTER FINISHING	SHEET PART NUMBER	CSA-M6S	REV
CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	PROJECTION		03/1 1000	

MOTOR SIZING WORKSHEET

(INCREMENTAL ADDERS REFER TO MASS PER TRAVEL LENGTH)



PROPERTY	BASE VALUE (T=150mm)
**MOVING MASS	2.038(+0.028kg/25mm)
BELT MASS	0.226(0.012kg/25mm)
PULLEY PITCH Ø	47.75mm (1.88")
PULLEY WIDTH	28.9mm (1.14")
PULLEY MATERIAL	STEEL
***TORQUE TUBE LENGTH	301mm
TORQUE TUBE Ø	60mm
***TORQUE TUBE MASS	1.314(+0.036kg/25mm)
TORQUE TUBE MATERIAL	ANODIZED ALUMINUM ELASTOMER STYLE COUPLINGS WITH HUB
TRAVEL PER REV	150mm

^{**}SYSTEM MASS OF Y-AXIS NEEDS TO BE ADDED TO THIS

X	TRAVEL	=	mm
Y	TRAVFI	=	mm

NOTE: ALL SUPPLIED MASSES DO NOT INCLUDE CUSTOMER COMPONENTS (MOTORS, CABLES, ETC)

CEADDOV	MPG-064	1.0kg
GEARBOX HASS (ADD TO SYSTEM MASSES)	MPG-084	2.3kg
	MRG-064	3.0kg
1417 (3323)	MRG-084	5.6kg

BASE VALUE (T=150mm)

1.205kg(+0.022kg/25mm)

0.113(+0.006kg/25mm)

4.858kg(+0.110kg/25mm)

47.75mm (1.88")

28.9mm (1.14")

STEEL

TOTAL SYSTEM (X TRAVEL x .0083) + (Y TRAVEL x .0088) + 13.98 = kg MASS

— — DRAWN BY: PHW DATE: 11/26/2017 MATERIAL: TITLE:

PROPERTY

MOVING MASS

BELT MASS

SYSTEM MASS

PULLEY PITCH Ø

PULLEY WIDTH

PULLEY MATERIAL



	MACRON	
MACRON	DYNAMICS	INC

THIS DRAWING IS THE PROPERTY OF MACRON DYNAMIC:
ANY REPRODUCTIONS SHALL BE FOR QUOTATION,
MANUFACTURING, OR PURCHASING PURPOSES ONLY.
RELEASE OF DRAWINGS TO OTHER CONCERNS DOES NO
CONSTITUTE LICENSING IN ANY WAY. INFORMATION
CONTAINED HEREIN IS PROPERTERBY AND CONFIDENTIA

CHECKED BY: ——	DATE: DD/MN	//YYYY					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		I M69	- \	//
AST SAVED BY: JA	DATE: 9/15,	/2023					IVIA		NTRY	/ د	\
UNLESS OTHERWISE SPECI DIMENSIONS ARE IN MILLIME TOLERANCES UNLESS NO OTHERWISE:	ETER:	.762 .254 .127 0°30'	FINISH:	:				O7 (I	• • • • • • • • • • • • • • • • • • • •		
SURFACE FIN	IISH 63/	,					SCALE	1:1	SHEET		
	SHARP EDGES APPLY AFTER		SHEET	OF	6	PART NUMBER	GS-M6	SS_ YY	/	ŀ	REV
THIRD ANGLE	PROJECTI	ON		\bigcirc 1	O)J / [

^{***}BASE VALUE AT Y TRAVEL = 150mm

SPECIFICATIONS

Sensor Type	Inductive
Concor Cizo	Fits all 8mm
Sensor Size	wide T-Slots
Operating Voltage	10-30 VDC
Voltage Drop Across Conducting Sensor	≤1.8 V at 100 mA
Number of Conductors (AWG)	3x26 AWG
Temperature Range	-40°C to 105°C

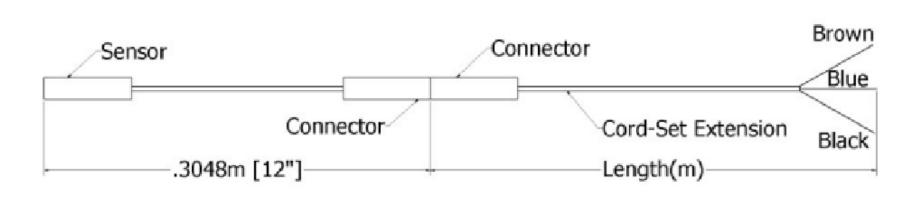
Part Number Configuration

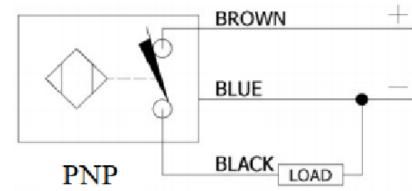
244-_ _ -_ _

PNP or NPN	NC or NO	02	Meters
PNP or NPN	NC or NO	06	Meters
PNP or NPN	NC or NO	12	Meters

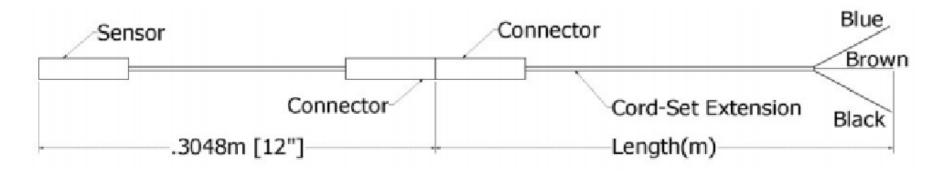
Example: PNP, normally closed, cord-set extension length 6 meters = 244-PNP-NC-06

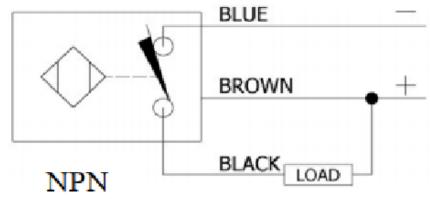
PNP Diagrams

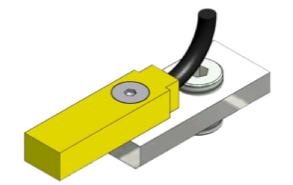


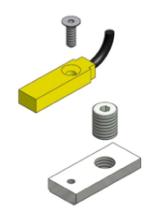


NPN Diagrams









KIT INCLUDES - SENSOR, CORDSET EXTENSION, AND MOUNTING HARDWARE

= <i>=</i>	DRAWN BY: PHW	DATE: 11/26/2017	MATERIAL:		TITLE:	
——	CHECKED BY: ——	DATE: DD/MM/YYYY			T-SLOT	SENSOR
	LAST SAVED BY: Paul	DATE: 9/15/2023			KIT	
MACHON	UNLESS OTHERWISE SPEC	.X ± .762	FINISH:			
MACRON DYNAMICS INC	DIMENSIONS ARE IN MILLIME TOLERANCES UNLESS NO OTHERWISE:	TED .XXX ± .127 ANG ± 0•30'				
THIS DRAWING IS THE PROPERTY OF MACRON DYNAMICS. ANY REPRODUCTIONS SHALL BE FOR QUOTATION,	SURFACE FIN	ISH 🖔			SCALE 1:1	SHEET SIZE C
MANUFACTURING, OR PURCHASING PURPOSES ONLY. RELEASE OF DRAWINGS TO OTHER CONCERNS DOES NOT CONSTITUTE LICENSING IN ANY WAY. INFORMATION	BREAK ALL S DIMENSIONAL LIMITS A	Sharp edges PPLY after finishing		PART NUMBER	GS-M6S-XY	, REV
CONTAINED HEREIN IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	PROJECTION			JJ 10100 /(1	