



KIKK-EL CAP CHANGER

PNEUMATIC AUTOMATIC
CAP CHANGER SYSTEM



STRAIGHT TIP CARTRIDGE MAGAZINE

KIKK-EL

Pneumatic System Tip Changer



- Light Compact
- Easy to install



Features of our KIKK-EL Cap Changer

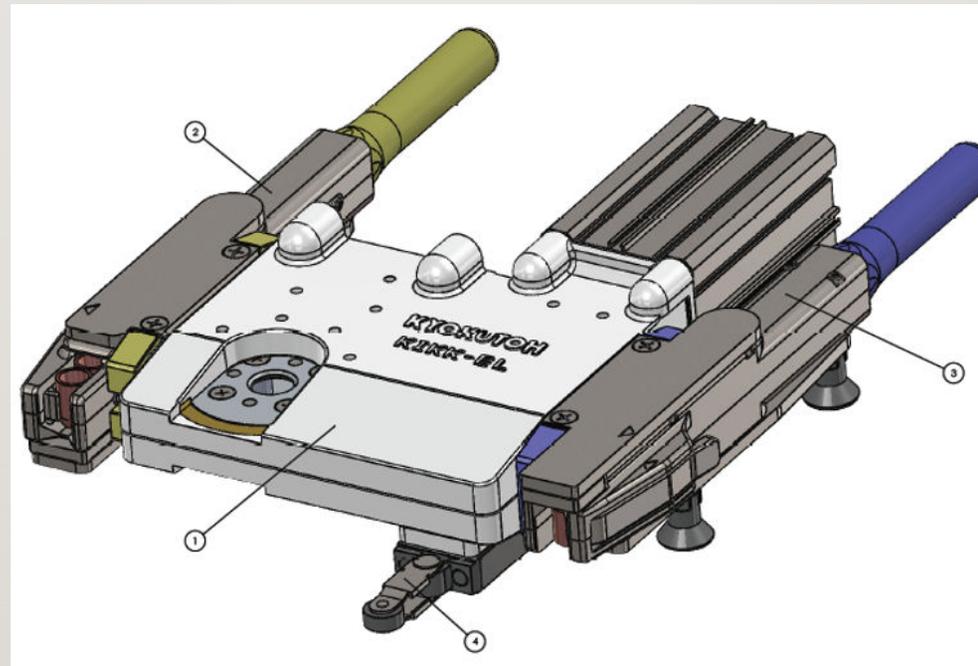
FEATURE

1. Easy teaching.
2. Correspond to $\Phi 13, \Phi 16, \Phi 19, \Phi 20$ cap tips.
3. One touch operation cartridge.
4. Correspond to male and female tip.
5. 14pcs of $\phi 13$ cap tips can be set in tip cartridge.
6. 12pcs of $\phi 16$ cap tips can be set in tip cartridge.
7. 10pcs of $\phi 19$ and $\phi 20$ cap tips can be set in tip cartridge.
8. Detect timing of refilling cap tip by proximate sensor(Optional).
9. Detect of exchange error by limit switch(Optional).



KIKK-EL

Parts list		
No	Name	Model
1	KIKK-EL Body	KIKK-EL**
2	Upper magazine	STC-****U
3	Lower magazine	STC-****L
4	Component (Option)	CD-KIKKEL-KIT-STC-P



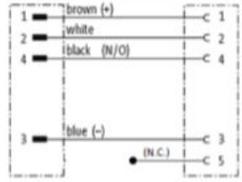
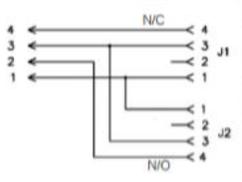
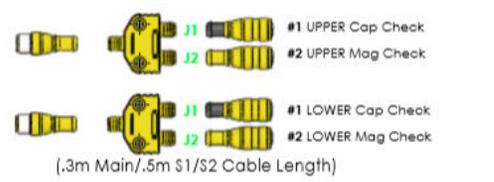
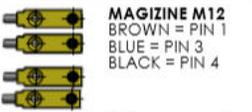
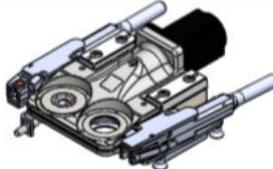
KIKK Molded Kit Mechanical switch

<p>Cylinder Sensors</p>		<p>(1.0m Cable Length)</p> <p>#1 Engaged (FRONT closest to changer)</p> <p>#2 Not Engaged (BACK farthest from changer)</p>	<p>CYLINDER M8 BROWN = PIN 1 BLUE = PIN 3 BLACK = PIN 4</p>																							
<p>Magazine Sensors</p>		<p>(.3m Main/.5m S1/S2 Cable Length)</p> <p>#1 UPPER Cap Check</p> <p>#2 UPPER Mag Check</p> <p>#1 LOWER Cap Check</p> <p>#2 LOWER Mag Check</p>	<p>MAGIZINE M12 BROWN = PIN 1 BLUE = PIN 3 BLACK = PIN 4</p>																							
<p>Solenoid Valve</p>		<p>(.8m Cable Length)</p>	<p>Regular/ Filter</p>																							
<p>Limit Switch</p>		<p>(1.0m Cable Length)</p>	<p>Regular/ Filter</p>																							
	<p>Push in fittings are provided for valve and reg/filter. 10mm OD supply hose needed.</p> <p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CHANGER & DRESSER CORP. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CHANGER & DRESSER CORP. IS PROHIBITED.</p>	<p>DESIGN APPLICATION</p> <p>UPPER WELD FACE Ø -</p> <p>LOWER WELD FACE Ø -</p> <p>UPPER CAP Ø -</p> <p>LOWER CAP Ø -</p> <p>UPPER GUN ANGLE -</p> <p>LOWER GUN ANGLE -</p> <p>GUN TYPE (C or X) -</p> <p>GUN PRESSURE (kgf) -</p> <p>DO NOT SCALE DRAWING</p>	<p>DIMENSIONS ARE IN MILLIMETERS</p> <p>ANGULAR: MACH ± .002 ± 1.0</p> <p>ONE PLACE DECIMAL ± 0.1</p> <p>TWO PLACE DECIMAL ± 0.05</p> <p>THREE PLACE DECIMAL ± 0.008</p> <p>NOTES: ---</p>	<table border="1"> <tr> <th>NAME</th> <th>DATE</th> </tr> <tr> <td>DRW/YS</td> <td>08/20/16</td> </tr> <tr> <td>DES APPR.</td> <td></td> </tr> <tr> <td>ENG APPR.</td> <td></td> </tr> <tr> <td>MATERIAL</td> <td></td> </tr> <tr> <td>FINISH</td> <td></td> </tr> </table>	NAME	DATE	DRW/YS	08/20/16	DES APPR.		ENG APPR.		MATERIAL		FINISH		<p>TIP CHANGER MODEL: KIKKEL (MG)</p> <p>PART NO.: KIKK MOLDED KIT WIRING STC V2.0</p> <table border="1"> <tr> <th>SIZE</th> <th>REF. NO.</th> <th>REV.</th> </tr> <tr> <td>A</td> <td>-</td> <td>0</td> </tr> <tr> <td>1</td> <td>WEIGHT</td> <td>1.01</td> </tr> </table>	SIZE	REF. NO.	REV.	A	-	0	1	WEIGHT	1.01
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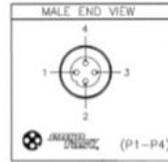
Molded Kit STCV2.0 Prox Switch.

<p>Cylinder Sensors</p>		<p>(1.0m Cable Length)</p> <p>#1 Engaged (FRONT closest to changer)</p> <p>#2 Not Engaged (BACK farthest from changer)</p>	<p>CYLINDER M8 BROWN = PIN 1 BLUE = PIN 3 BLACK = PIN 4</p>	
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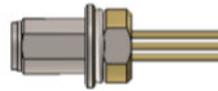
DHSVR2 Molded Kit

<p>Prox Sensor</p>  <p>M12</p>		 <p>(1.0m Cable Length)</p>	 <p>MAGINE M12 BROWN = PIN 1 BLUE = PIN 3 BLACK = PIN 4</p>											
<p>Magazine Sensors</p>  <p>M12</p>		 <p>(.3m Main/.5m S1/S2 Cable Length)</p>	 <p>MAGINE M12 BROWN = PIN 1 BLUE = PIN 3 BLACK = PIN 4</p>											
														
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A	CD-KIKKEL-KIT-STCPX-P	0												
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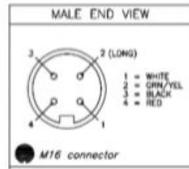
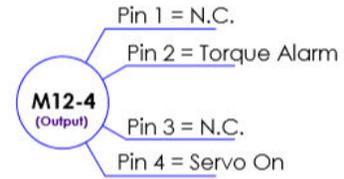
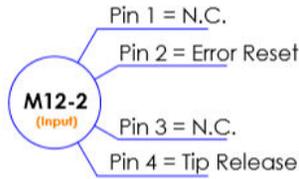
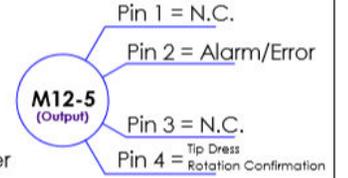
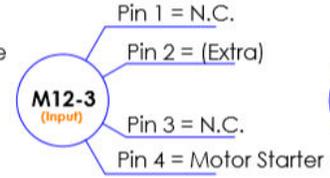
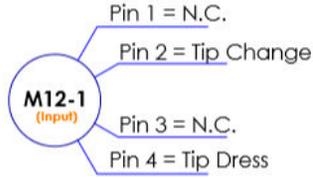
DHSVR2 LENZ Switch



M12 Male



Control Box SIGNALS

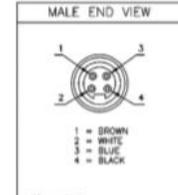


M16 Male



480VAC

Pin 4 = L3
Pin 3 = L2
Pin 2 = GND
Pin 1 = L1

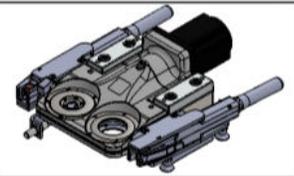


7/8 Male



24VDC

Pin 4 = 0VDC
Pin 1 = +24VDC



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DESIGN APPLICATION	DIMENSIONS ARE IN MILLIMETERS
UPPER WELD FACE @	ANGULAR, EACH & SEID ± 1.0
LOWER WELD FACE @	ONE PLACE DECIMAL ± 0.1
UPPER CAP @	TWO PLACE DECIMAL ± 0.05
LOWER CAP @	THREE PLACE DECIMAL ± 0.005
UPPER GUN ANGLE	NOTES: ---
LOWER GUN ANGLE	
GUN TYPE (C # X)	
GUN PRESSURE (MP)	
DO NOT SCALE DRAWING	

NAME	DATE	TIP CHANGER MODEL
DRAWN: JAM/JHM	04/28/18	DHSVR2
MFG APPR:		PART NO.:
ENG APPR:		DHSVR2 Lenze Control Pinout
MATERIAL:		
FINISH:		



SIZE	REF. NO.	REV.
A	-	0
1	WEIGHT	1 of 1

Changer & Dresser KIKK Tip Changer.			
QTY	PART #	DESCRIPTION	MANUF
1	FA3-C3PA	3/8" Filter/Regulator Combination Unit	Fabco Air
1	MME-43WES-D024	3/8" NPT In/Out, 1/4" NPT exhaust, 5/2 valve w/ Cable Gland	Clippard
1	7000-40981-6560150	Form BI (11 mm) – M12, male straight valve connector, black, weld spatter resistant	Murr
1	FD 531-K50	Mechanical limit switch, 1 N.O. contact + 1N.C., roller arm activation, 5-pin M12 connector	Pizzato
1	WK 4.5T-I-RS 4.5T/S1587	M12 90-Female 5-Pin to M12 STM 5-Pin Cordset (1m)	Murr
2	Bi 6-EGT12FE-AP6X-H1141	Inductive Prox, M12 Connector, PNP, DC, NO, 12mm x 6mm SN	TURCK
2	RKC 4.4T-I-RSC 4.4T/S3060	M12 STM/STF 4-Pin Cordset (1m)	TURCK
1	10 425 1038	10mm PIF x 3/8" NPT straight male fitting	Norgren
4	10 147 1038	10mm PIF x 3/8" ISO R 90 degree swivel male fitting	Norgren
1	VB2-FSM4.4/2PKG3M-1/1	T-Coupler, M12 4 x 2xM8 3	TURCK
1	VB2-FSM4.4/2FKM4	T-Coupler, M12 4 x 2xM12 4	TURCK
2	MZCK 03PI011/KS35D	Magnetic cylinder sensors, M8 Connector, PNP (300mm) (Can't change, come w/cylinder)	Baumer
1	FXEN-IOM88-0001-IP/CS30007	8 Input/8 IUTOYT-Ethernet AIM Station	TURCK

