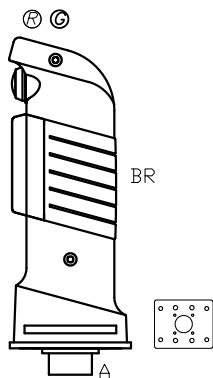
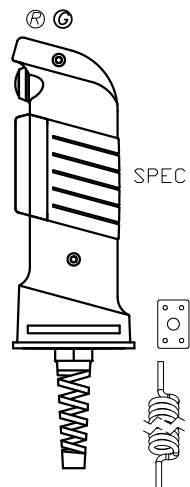


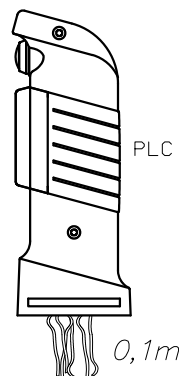
JSHD4  
20-002-00



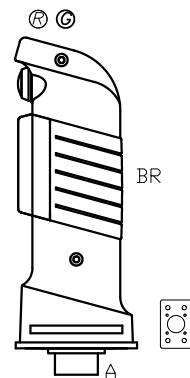
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20-002-01



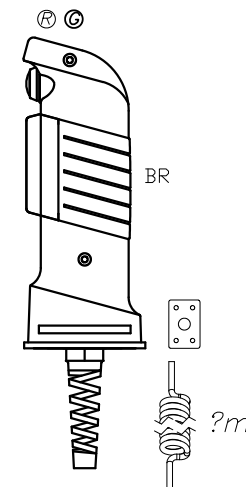
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20-002-11



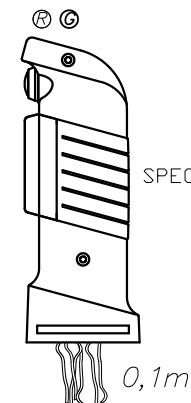
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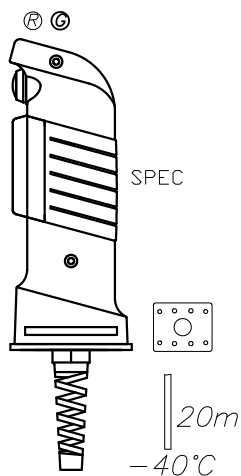
JSHD4DC  
20-002-27



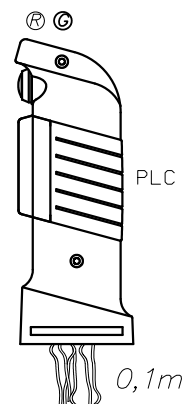
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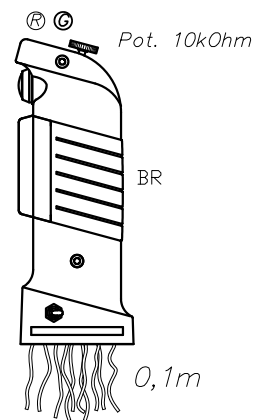
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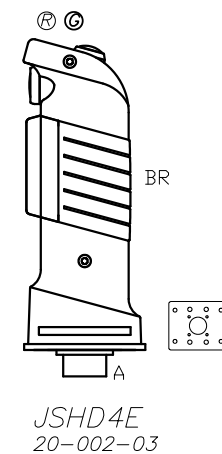
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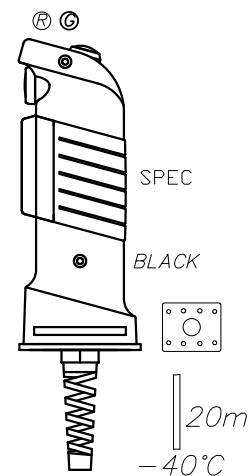
JSHD4DH  
20-002-60



JSHD4DP  
20-002-73



JSHD4E  
20-002-03



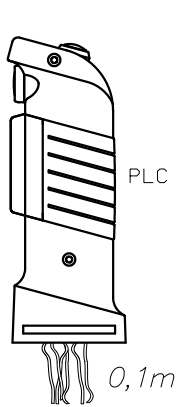
JSHD4EA  
20-002-54

BR: Works with JSBR and RT relays  
 PLC: Works with Pluto and RT relays  
 SPEC: Special solution  
 A: Works with straight JSHK cables  
 B: Works with JSHK and JSHK-S  
 C: Works only with special cables

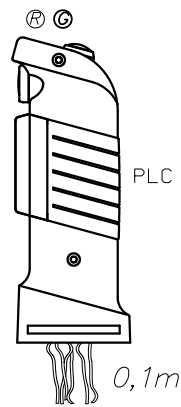
NOTE: This guide gives a quick overview of the main features of various enabling devices. Before ordering, it is advised to verify that all demands are fulfilled.

1	-	-	-	-	-	-	-	-	-
Det.-nr	Ant.	Benämning			Material	Mod.-nr ämne Dimension	Anm		
Konstr.	Ritad.	Kop.	Kontr.	Stand.	Godk.	Skala	Ersätter	Ersatt av	
	MARTINB						061215		
JOKAB SAFETY AB		3-LÄGESHÄLLDON				SID 1(7)		Dat. 081021	
		SAMTL MODELLER				Ritn.-nr		VYSAMT	

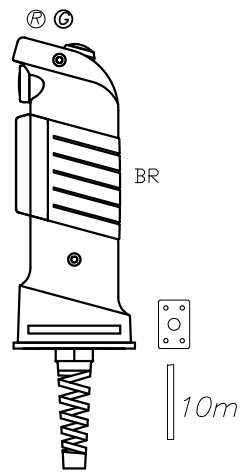
Nr. Ant. Ändring och/eller medd.-nr. Datum Inf. Godk.



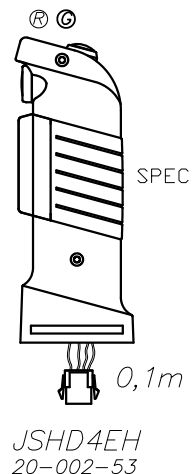
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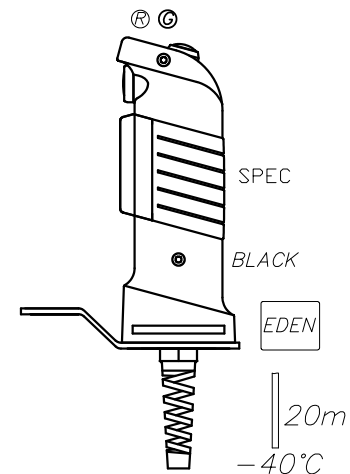
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20-002-28



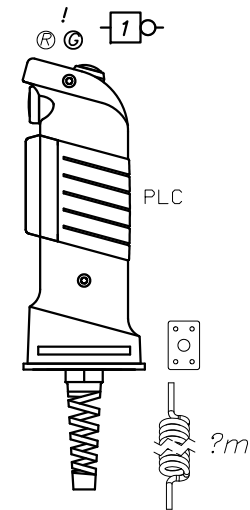
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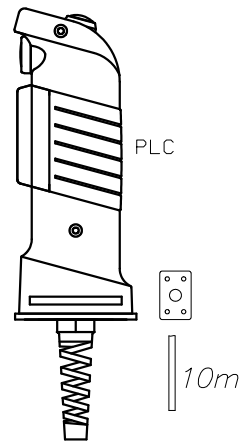
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20-002-53



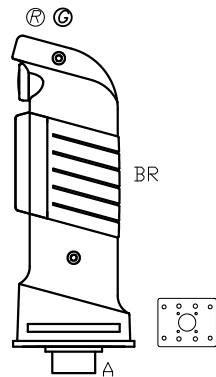
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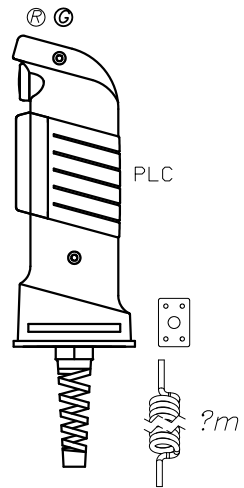
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20-002-93



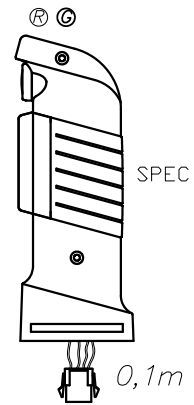
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20-002-09



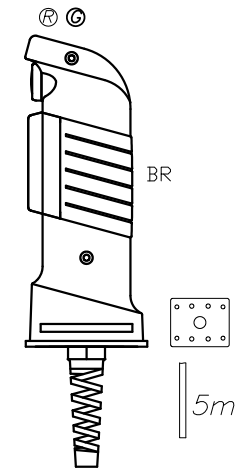
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20-002-04



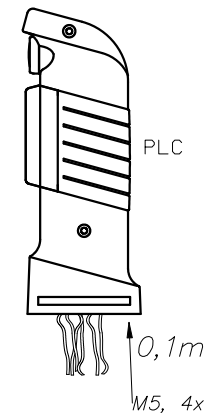
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20-002-79



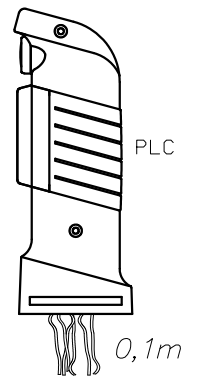
JSHD4FB  
20-002-56



JSHD4FC  
20-002-14

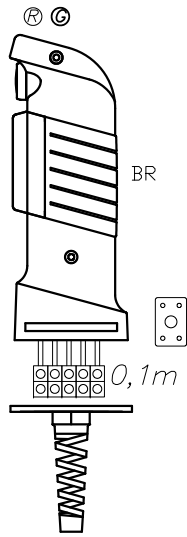


JSHD4FD  
20-002-15

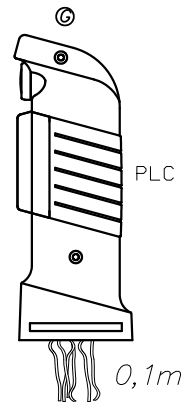


JSHD4FE  
20-002-17

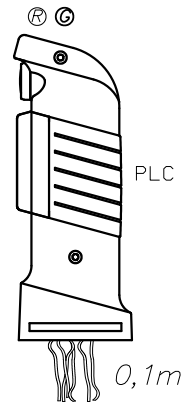
1	-	-	-	-	-	-	-	-	-
Det.-nr	Ant.	Benämning			Material	Mod.-nr ömre Dimension	Anm		
Konstr.	Ritad.	Kop.	Kontr.	Stand.	Godk.	Skala	Erställt	Erstätt av	
	MARTIN					-	061215	SID 2(7) 081021	
JOKAB SAFETY AB							3-LÄGESHÅLLDON SAMTL MODELLER		
							Ritn.-nr VYSAMT		



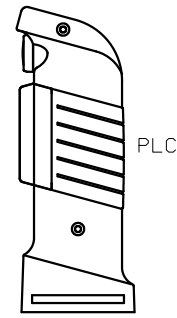
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20-002-26



JSHD4FG  
20-002-25

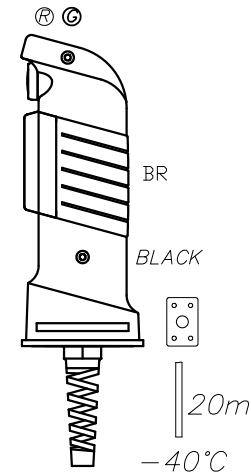


JSHD4FH  
20-002-24

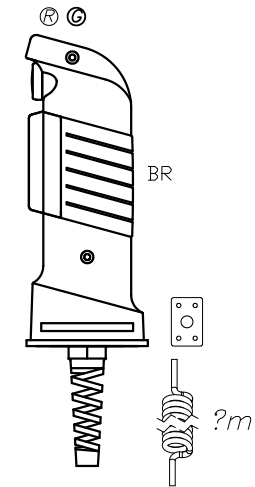


JSHD4FJ  
20-002-08

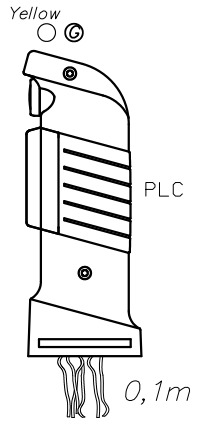
0,2m  
Special



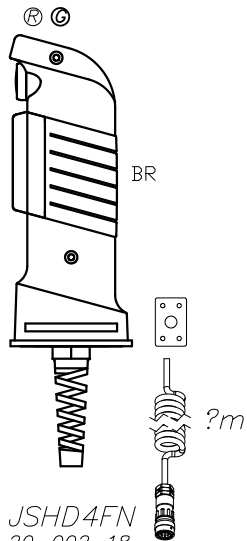
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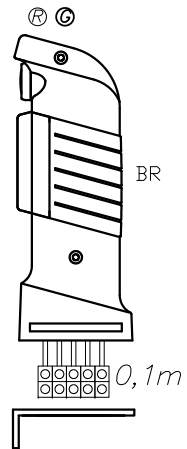
JSHD4FL  
20-002-47



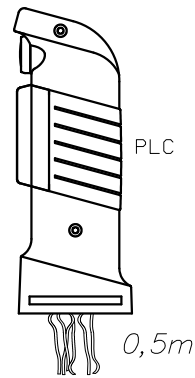
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20-002-42



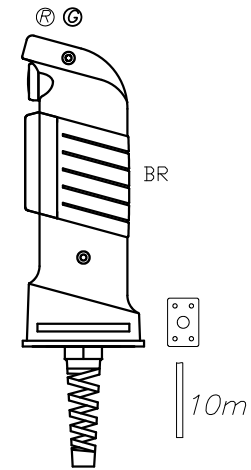
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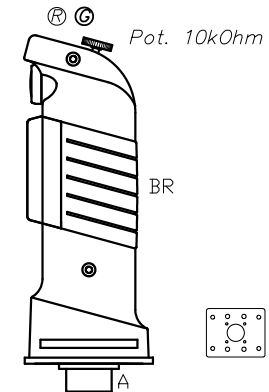
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20-002-62



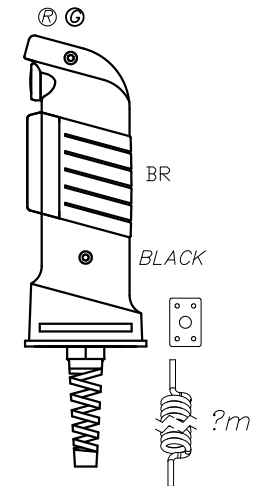
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20-002-46



JSHD4FS  
20-002-58

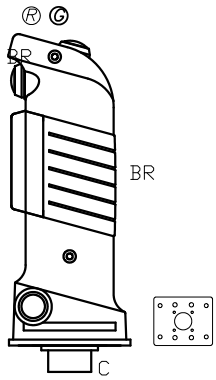


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20-002-92

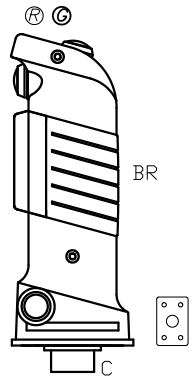


JSHD4FU  
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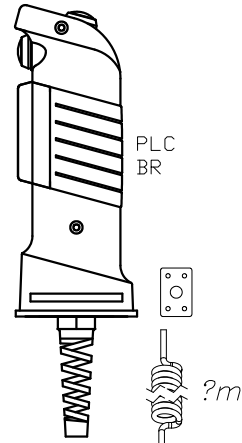
1	-	-	-	-	-	-	-	-	-
Det.-nr	Ant.	Benämning			Material	Mod.-nr binne Dimension	Anm		
Konstr.	Ritad.	Kap.	Kontr.	Stand.	Godk.	Skala	Ersätter	Ersatt av	
	MARTINB					-	061215	081021	
JOKAB SAFETY AB							3-LÄGESHÅLLDON SAMTL MODELLER		
Ritn.-nr							Dat		
							VYSAMT		



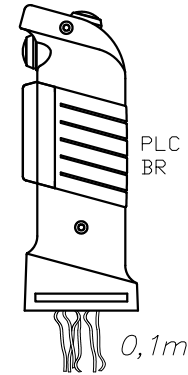
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20-002-33



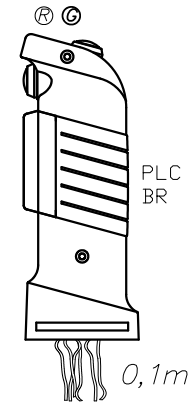
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20-002-82



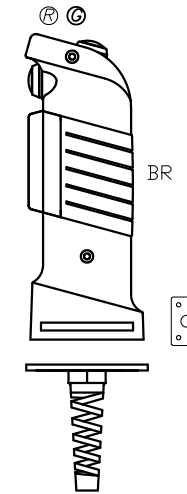
JSHD4MA  
20-002-32



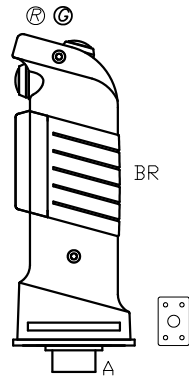
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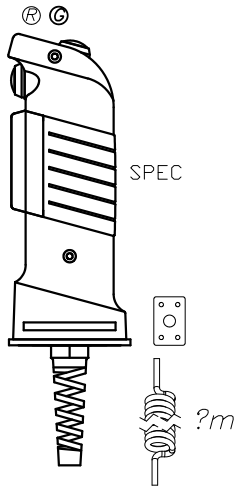
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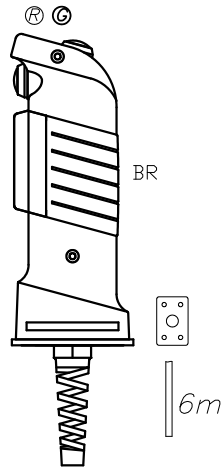
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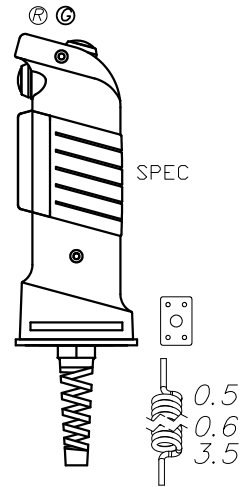
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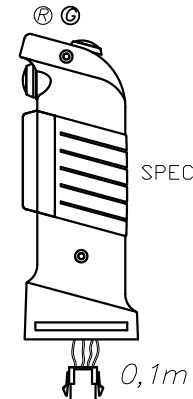
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20-002-51



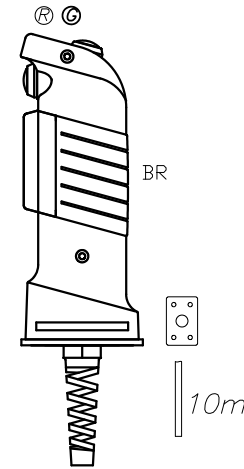
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20-002-43



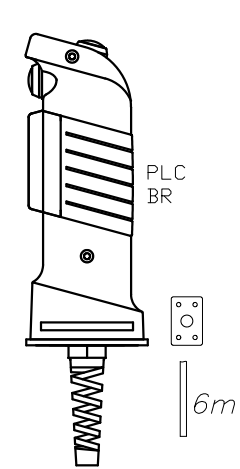
JSHD4MH  
20-002-50



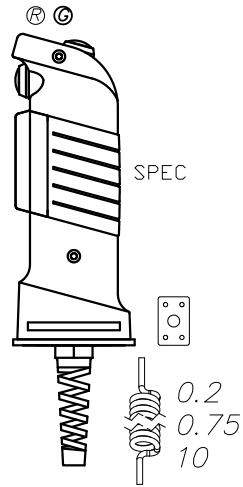
JSHD4MJ  
20-002-57



JSHD4MK  
20-002-59

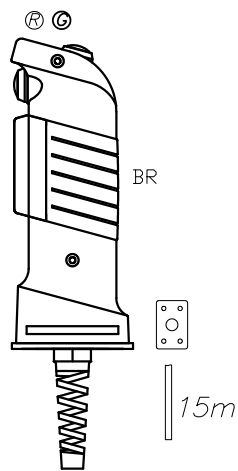


JSHD4MN  
20-002-64

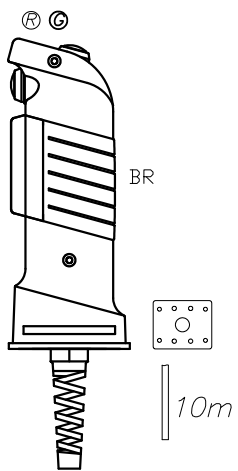


JSHD4MO  
20-002-66

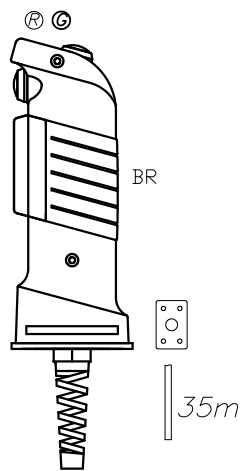
1	-	-	-	-	-	-	-	-	-
Det.-nr	Ant.	Benämning			Material		Mod-nr ömre Dimension		Anm
Konstr.	Ritad. MARTINB	Kop.	Kontr.	Stand.	Godk.	Skala	-	Ersätter 061215	Ersatt av
JOKAB SAFETY AB		3-LÄGESHÄLLDON SAMTL MODELLER				SID 4(7)		Dat. 081021	
Nr. Ant.		Ändring och/eller medd.-nr.		Datum	Inf.	Godk.	Ritn.-nr VYSAMT		



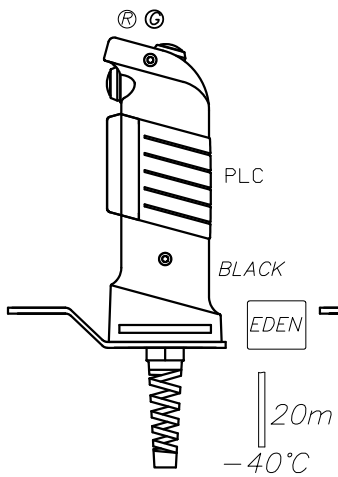
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20-002-67



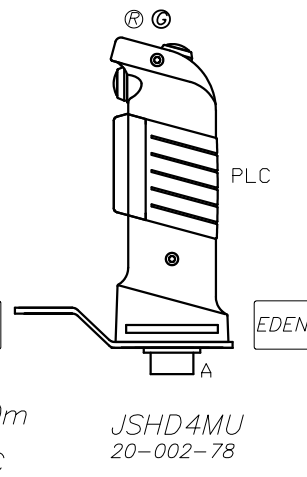
JSHD4MR  
20-002-68



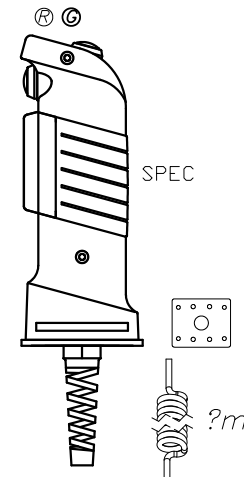
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20-002-75



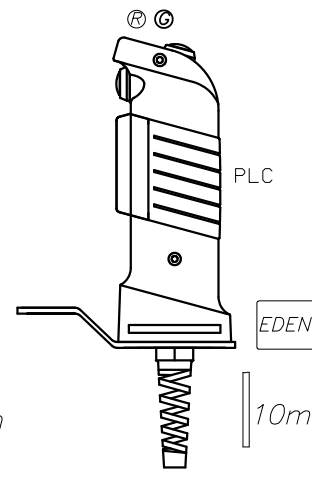
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20-002-77



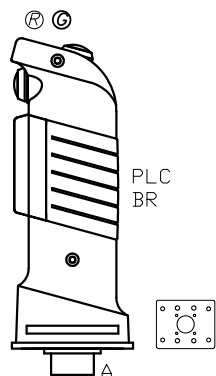
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20-002-78



JSHD4MV  
20-002-91



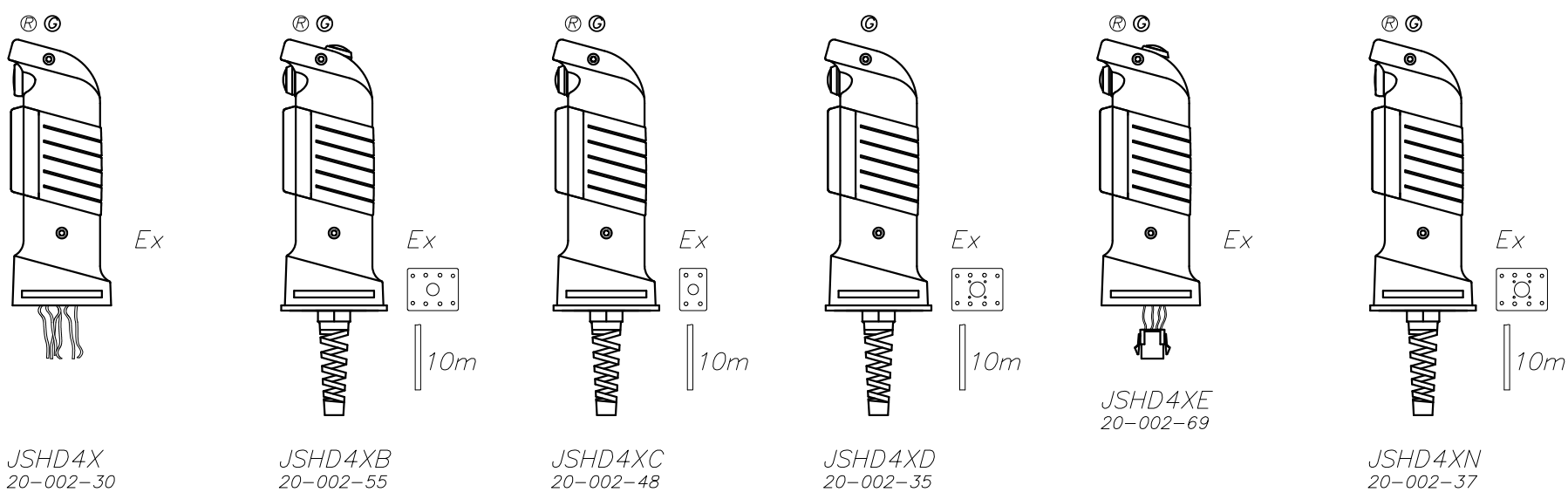
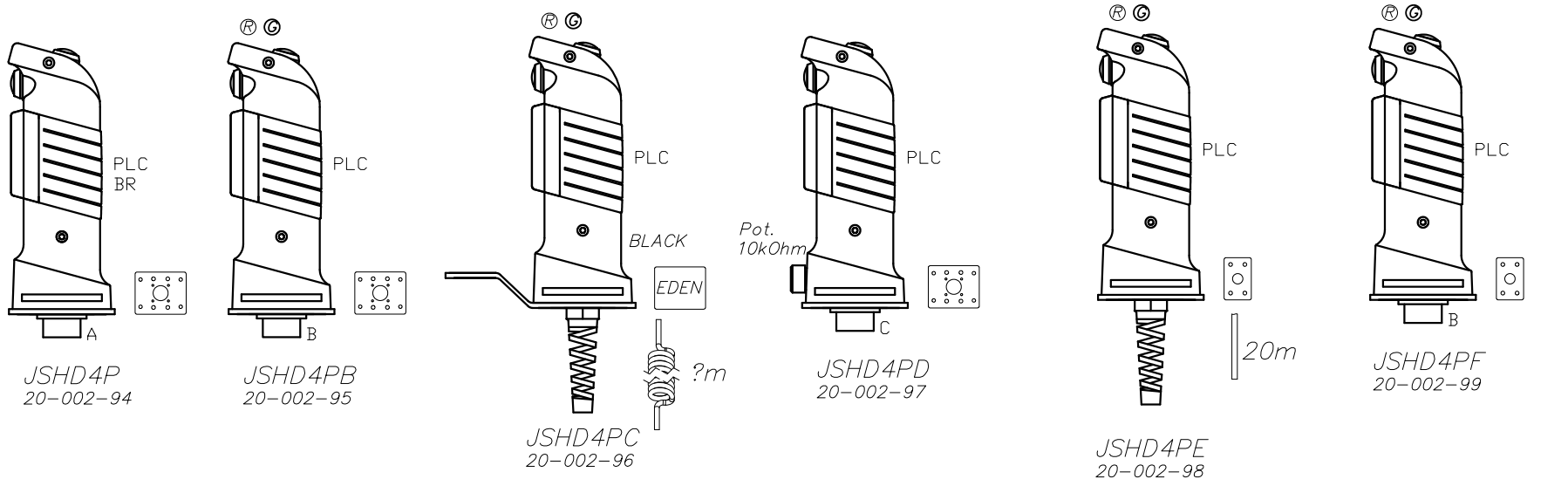
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20-002-10



JSHD4MZ  
20-002-74

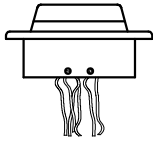
1	-	-	-	-	-	-	-
Det.-nr	Ant.	Benämning			Material	Mod.-nr ömne Dimension	Anm
Konstr.	Ritad. MARTIN	Kop.	Kontr.	Stand.	Godk.	Skala -	Ersätter 061215 Ersatt av
JOKAB SAFETY AB		3-LÄGESHÅLLDON SAMTL MODELLER			SID 5(7)		Dat. 081021
Rita.-nr							VYSAMT

Nr.	Ant.	Ändring och/eller medd.-nr.	Datum	Inf.	Godk.
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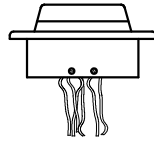


Ex means the handle is intended for explosive environment. Needs a zener barrier or other isolation between relay and handle. Blue color, although not intrinsically safe.

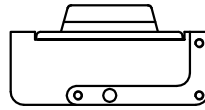
7	-	-	-	-	-	-	-	-	-
Det.-nr	Ant.	Benämning			Material	Mod.-nr ömne Dimension	Anm		
Konstr.	Ritad.	Kop.	Kontr.	Stand.	Godk.	Skala	Ersätter	Ersatt av	
	MARTIN						060207	080505	
JOKAB SAFETY AB							3-LÄGESHÅLLDON SAMTL MODELLER		
Nr.	Ant.	Ändring och/eller medd.-nr.	Datum	Inf.	Godk.	Ritn.-nr	VYSAMT		



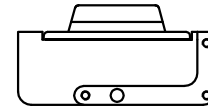
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20-002-31



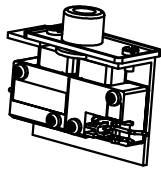
JSHD4H2-800  
20-002-45



JSHD4H2A  
20-002-02



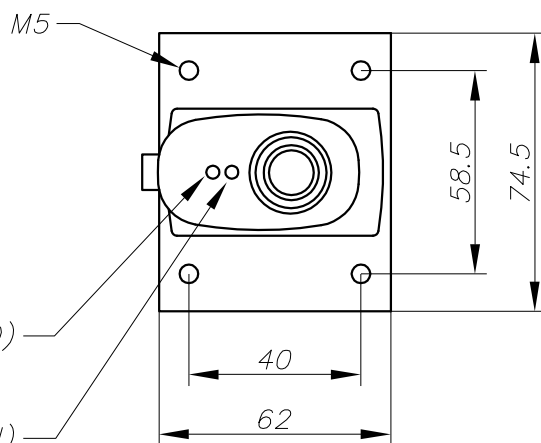
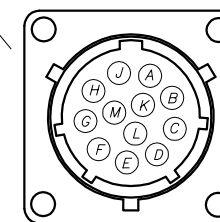
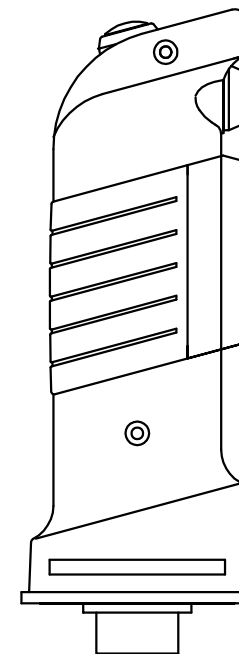
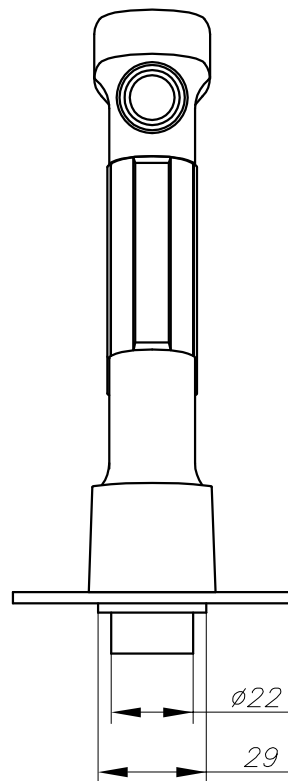
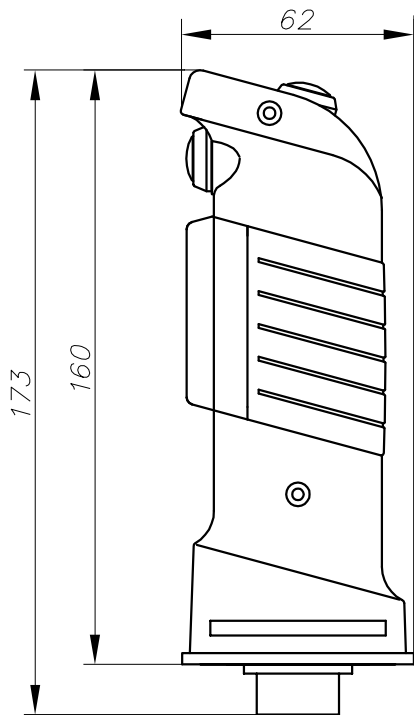
JSHD4H2A-800  
20-002-16



JSHD4S2  
20-002-07  
(upgrading kit)

1	-	-	-	-	-	-	-	-	-	
Det.-nr	Ant.	Benämning			Material	Mod.-nr ömne Dimension	Anm			
Konstr.	Ritad.	Kop.	Kontr.	Stand.	Godk.	Skala	-	Erstätt av	Erstätt av	
	MARTIN							061215	071016	
JOKAB SAFETY AB							3-LÄGESHÄLLDON SAMTL MODELLER		Ritn.-nr	VYSAMT

Nr.	Ant.	Ändring och/eller medd.-nr.	Datum	Inf.	Godk.
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LED (RÖD/RED)

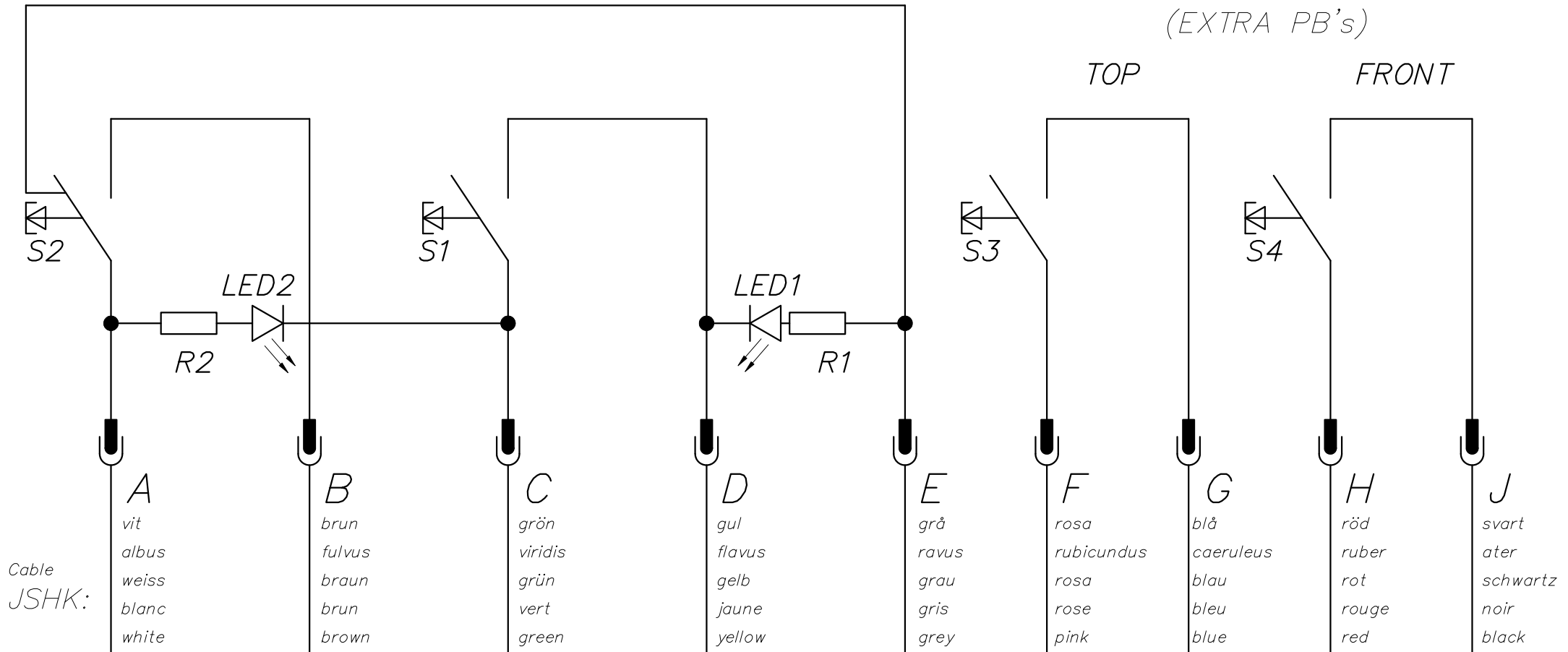
LED (GRÖN/GREEN)

1	—	—	—	—	—	—	—	—	—
Det.-nr	Ant.	Benämning			Material	Mod.-nr ämne Dimension	Anm		
Konstr.	Ritad.	Kop.	Kontr.	Stand.	Godk.	Skala	—	Ersätter	Ersatt av
		BREDBERG							Dat. 980402
JOKAB SAFETY AB							3-LÄGESHÄLLDON JSJD4		Ritn.-nr VYHD4

Nr.	Ant.	Ändring och/eller medd.-nr.	Datum	Inf.	Godk.
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(SAFETY CIRCUITS)



Cable  
JSHK:

PLUTO\* Dyn IN  
RT6,7 S13, S34  
RT9 S13, S34  
JSBT4 S13  
JSBR4 S13  
VITAL Not possible

Dyn OUT  
S14  
S14  
S14  
S14

Static IN  
S24  
S24  
S24  
S24

Static OUT  
S23  
A2  
S23  
S23, X3

(Dyn OUT)  
X2

Aut reset: S53, X1, X4  
Aut reset: A1, X1, X4  
Aut reset: X1, X2

LED1=red(forward) LED2=green

R1=R2=4k7

S1=upper 3-pos PB

S3=aux. PB top

S2=lower 3-pos PB

S4=aux. PB front

\*) The standard JSHD4 is not ideal for Pluto, green LED will not operate.  
\*) IN means signal in to enabling device. OUT will be signal to Pluto.

1		20-002-00								
Det.-nr	Ant.	Benämning			Material		Mod.-nr ömne Dimension		Anm	
Konstr.	Ritad. MARTINB	Kop.	Kontr.	Stand.	Godk.	Skala	-		Ersätter	Ersatt av
JOKAB SAFETY AB									080206	
CONNECTION DESCR. FOR STD JSHD4									081217	
									Ritn.-nr KPLHD4-U	

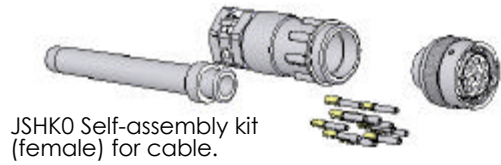
Nr.	Ant.	Ändring och/eller medd.-nr.	Datum	Inf.	Godk.
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**CABLES & ACCESSORIES FOR JSHD4 ENABLING DEV**

**IMPORTANT:**

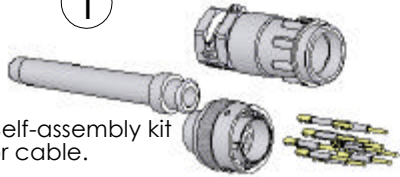
EACH TIME A DEVICE IS  
DIS-CONNECTED, CATEGORY 4  
IS LOST!

Part n:o	Name	Cable length [m] (extended)	Description	Application
20-003-00	JSHK5	5	Straight PVC cable with female plug connector. Other end free. 10 leads	For use with normal JSHD4-handles.
20-003-01	JSHK10	10	Straight PVC cable with female plug connector. Other end free. 10 leads	For use with normal JSHD4-handles.
20-003-02	JSHK15	15	Straight PVC cable with female plug connector. Other end free. 10 leads	For use with normal JSHD4-handles.
20-003-03	JSHK0	-	Self-assembly kit for cable with female plug connector. 12 leads possible.	For use with normal JSHD4-handles.
20-003-04	JSHK20	20	Straight PVC cable with female plug connector. Other end free. 10 leads	For use with normal JSHD4-handles.
20-003-05	JSHK25	25	Straight PVC cable with female plug connector. Other end free. 10 leads	For use with normal JSHD4-handles.
20-003-07	JSHK1-C	-	Self-assembly kit for "handle side". Male receptacle, 12 pins and gasket.	
20-003-08	JSHK1-A	-	Self-assembly kit for machine-side. Female receptacle, 12 sockets & gasket.	For use with JSHK5E-1
20-003-09	JSHK1-B	-	Self-assembly kit for cable with male plug connector. 12 leads possible.	For use on cable, connects to JSHK1-A receptacle.
20-003-10	JSHK5-E	5	Straight PVC cable with female plug and male socket connector. 10 leads	As extension between (for instance) JSHD4 and JSHK10.
20-003-33	JSHK10-E	10	Straight PVC cable with female plug and male socket connector. 10 leads	As extension between (for instance) JSHD4 and JSHK10.
20-003-11	JSHK10K	10	As JSHK10 but special connection to allow 12-pin use with 10 leads.	For use with special types of handles.
20-003-12	JSHK5-E1	5	Straight PVC cable with female and male plug connector. 10 leads	To allow disconnection of cable from the machine.
20-003-20	JSHK16S	1,6	Spiral PUR cable with female plug connector. Other end free. 8 leads.	For use with normal JSHD4-handles.
20-003-21	JSHK20S	2	Spiral PUR cable with female plug connector. Other end free. 8 leads.	For use with normal JSHD4-handles.
20-003-22	JSHK28S	2,8	Spiral PUR cable with female plug connector. Other end free. 8 leads.	For use with normal JSHD4-handles.
20-003-23	JSHK32S	3,2	Spiral PUR cable with female plug connector. Other end free. 8 leads.	For use with normal JSHD4-handles.
20-003-24	JSHK40S	4	Spiral PUR cable with female plug connector. Other end free. 8 leads.	For use with normal JSHD4-handles.
20-003-25	JSHK60S	6	Spiral PUR cable with female plug connector. Other end free. 8 leads.	For use with normal JSHD4-handles.
20-003-26	JSHK80S	8	Spiral PUR cable with female plug connector. Other end free. 8 leads.	For use with normal JSHD4-handles.
20-003-32	JSHK60E	6	Spiral PUR cable with female plug and male socket connector. 8 leads.	As extension between (for instance) JSHD4 and JSHK10.

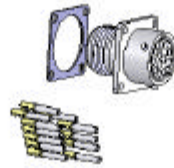


JSHK0 Self-assembly kit (female) for cable.

①

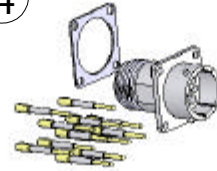


JSHK1-B Self-assembly kit (male) for cable.

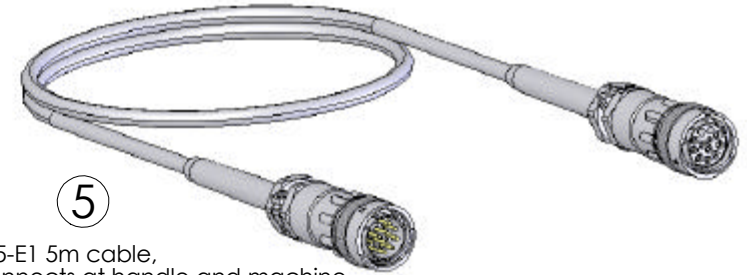


JSHK1-A Self assembly kit (female) for use with JSHK5-E1, on machine.

④

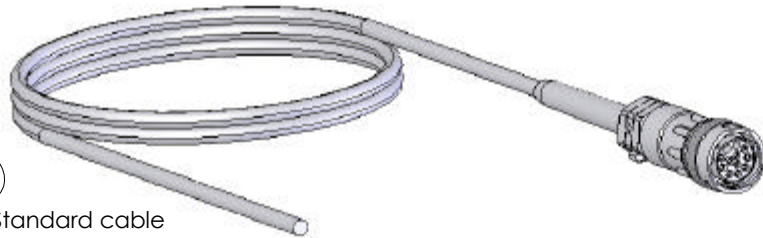


JSHK1-C Self assembly kit (male).



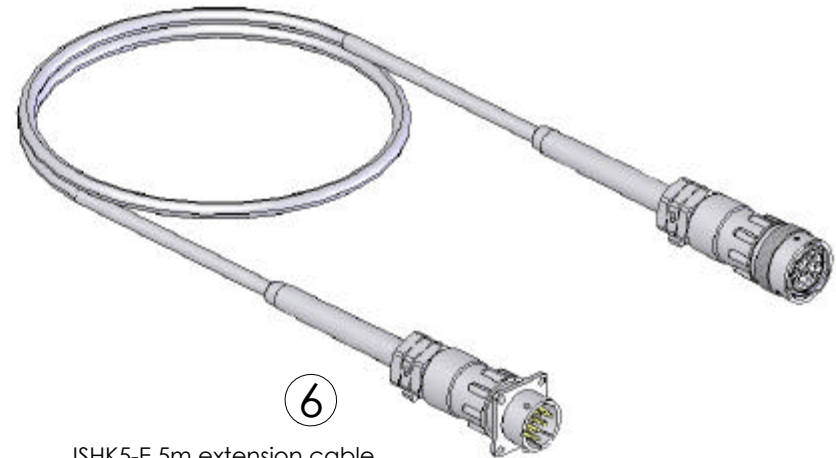
⑤

JSHK5-E1 5m cable, disconnects at handle and machine



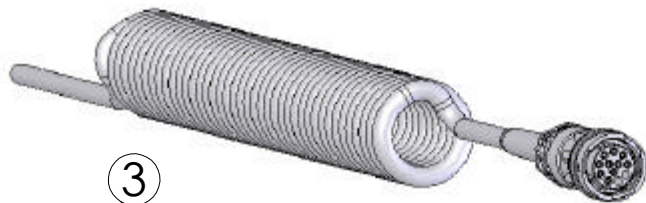
②

JSHK5 Standard cable



⑥

JSHK5-E 5m extension cable, between (for instance) JSHK10 and JSKD4.



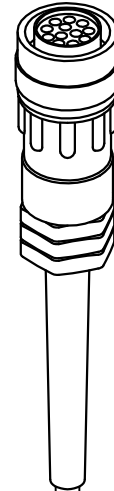
③

JSHK28S Spiral cable (2.8m extended)

Material	Ytbehandling		Dimension	Färg	Generell tolerans		
-	-				ISO 2768 mK		
Konstruerad av	Granskad av	Godkänd av	Datum	Generell yttjämnhet	Vyplacering	Format	Skala
MABR	-	-	070116	-		A3	1:1
Ägare	Titel/benämning			Ritningsnummer			
				<b>Examples of JSKD4 accessories</b>			
	COPYRIGHT JOKAB SAFETY AB - 2004			<b>Cable versions</b>		Utgåva	Blad
						-	1/1

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FEMALE

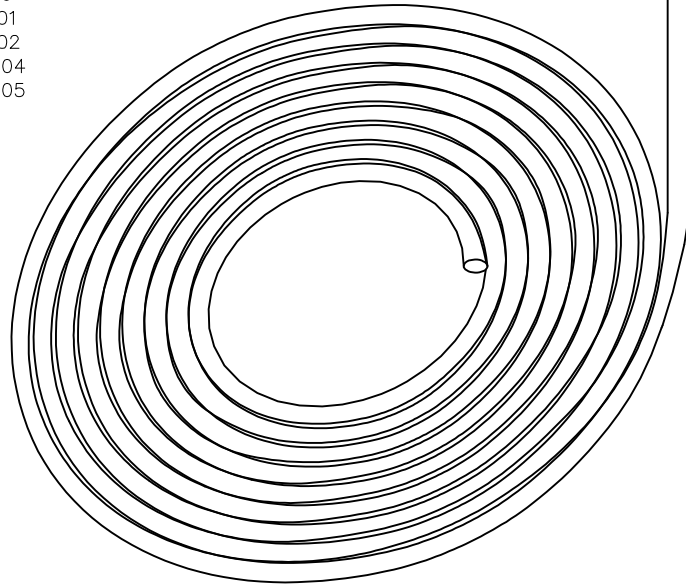


HONSTIFT

- A: VIT WHITE WEISS BLANC
- B: BRUN BROWN BRAUN BRUN
- C: GRÖN GREEN GRÜN VERT
- D: GUL YELLOW GELB JAUNE
- E: GRÅ GREY GRAU GRIS
- F: ROSA PINK ROSA ROSE
- G: BLÅ BLUE BLAU BLUE
- H: RÖD RED ROT ROUGE
- J: SVART BLACK SCHWARTZ NOIR
- K: LILA PURPLE LILA LILAS

Lengths:

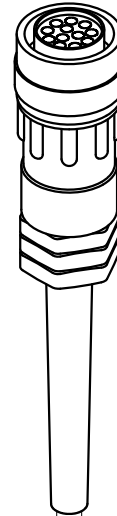
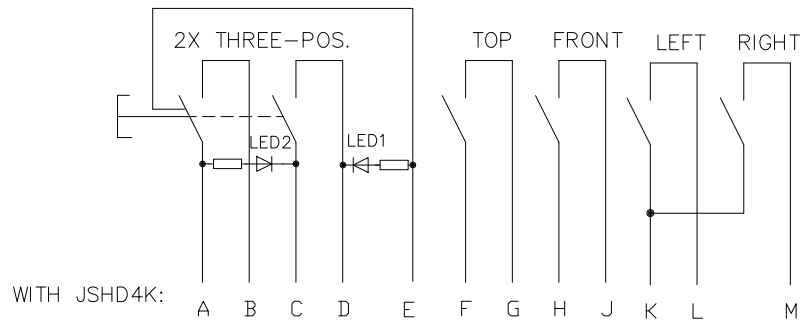
- JSHK0 (0m): 20-003-03
- JSHK5 (5m): 20-003-00
- JSHK10 (10m): 20-003-01
- JSHK15 (15m): 20-003-02
- JSHK20 (20m): 20-003-04
- JSHK25 (25m): 20-003-05



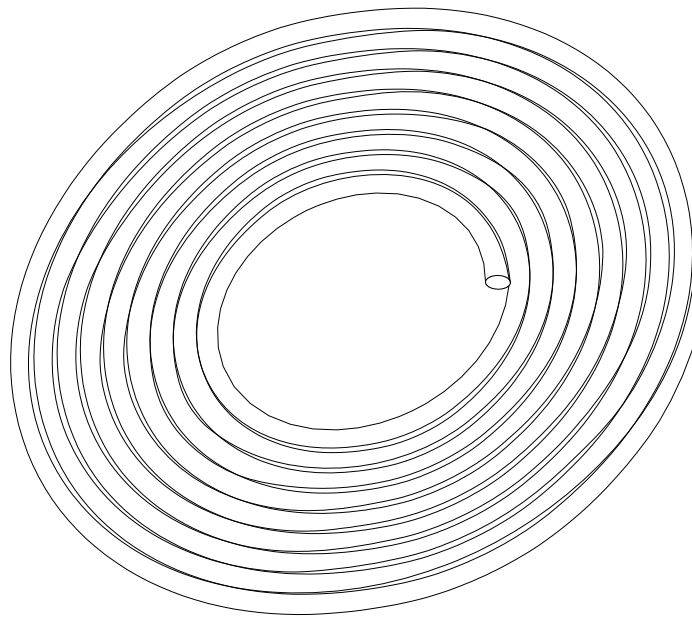
1	-	-		PVC	Ø6.4	BLACK
Det.-nr	Ant.	Benämning		Material	Mått-nr ömne Dimension	Anm
Konstr.	Ritad. BREDBERG	Kop.	Kontr.	Stand.	Godk.	Skala 1:2
Ersätter			Ersatt av			Dat. 010111
Ritn.-nr			HKMONT			

Nr.	Ant.	Ändring och/eller medd.-nr.	Datum	Inf.	Godk.
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**JOKAB SAFETY**  
KABEL JSHK  
TILL JSHD4



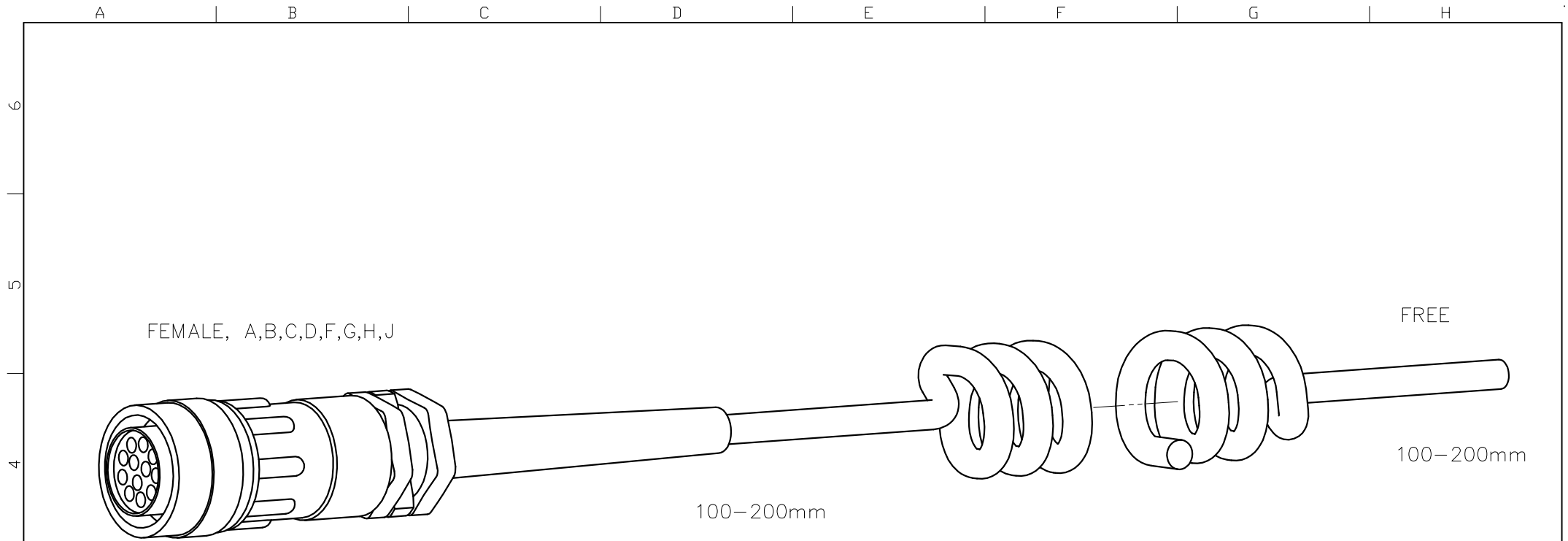
- HONSTIFT/FEMALE PINS
- A: VIT WHITE WEISS BLANC
  - B: BRUN BROWN BRAUN BRUN
  - C: GRÖN GREEN GRÜN VERT
  - D: GUL YELLOW GELB JAUNE
  - E: GRÅ GREY GRAU GRIS
  - F: ROSA PINK ROSA ROSE
  - G: BLÅ BLUE BLAU BLEU
  - H: RÖD RED ROT ROUGE
  - J: SVART BLACK SCHWARTZ NOIR
  - K: LILA PURPUL LILA LILAS
  - L: GRÅ/ROSA GREY/PINK GRAU/ROSA
  - GRIS/ROSE
  - M: RÖD/BLÅ RED/BLUE ROT/BLAU
  - ROUGE/BLEU



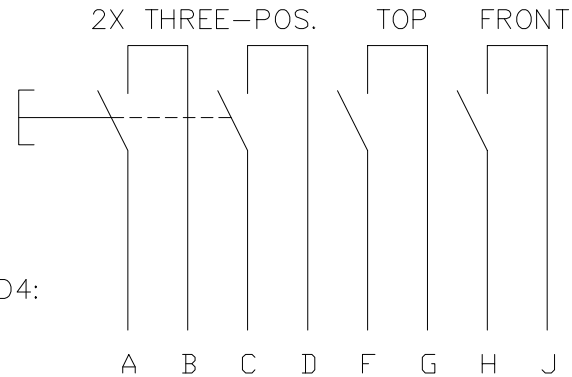
PUR S-17 12x0,25mm<sup>2</sup>

1	-	-		PVC	∅6.4	BLACK
Det.-nr	Ant.	Benämning		Material	Mod.-nr ömne Dimension	Anm
Konstr.	Ritad. BREDBERG	Kop.	Kontr.	Stand.	Godk.	Skala 1:2
Ersätter					Ersatt av	
Dat. 040607					Ritn.-nr HK10KMONT	
<b>JOKAB SAFETY</b>						
KABEL JSHK10K TILL JSHD4K						

Nr.	Ant.	Ändring och/eller medd.-nr.	Datum	Inf.	Godk.
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- A: VIT WHITE WEISS BLANC
- B: BRUN BROWN BRAUN BRUN
- C: GRÖN GREEN GRÜN VERT
- D: GUL YELLOW GELB JAUNE
- F: GRÅ GREY GRAU GRIS
- G: ROSA PINK ROSA ROSE
- H: BLÅ BLUE BLAU BLEU
- J: RÖD RED ROT ROUGE



WITH STANDARD JSHD4:

MANUAL RESET CANNOT BE USED  
(JSBR4 CANNOT BE USED).

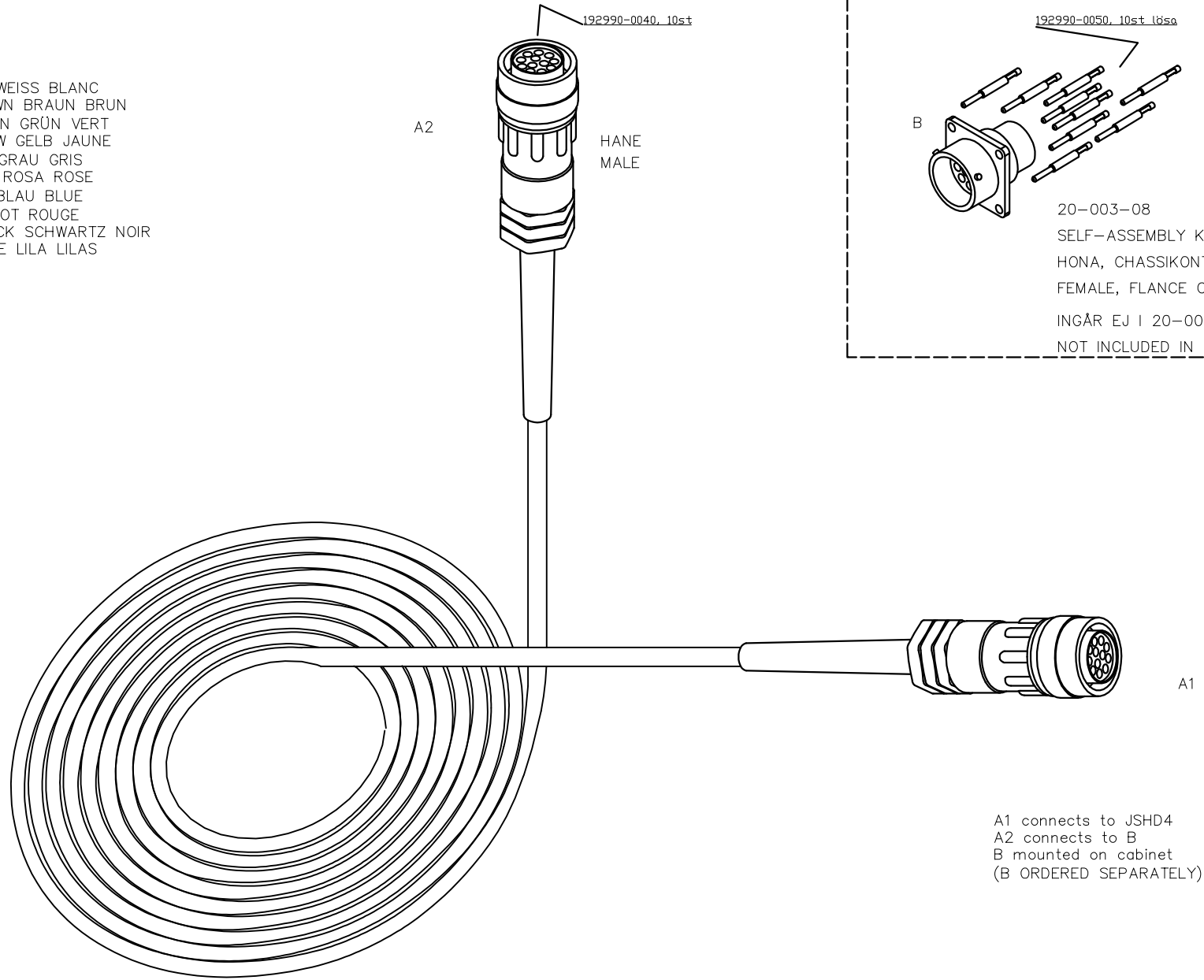
DESCR.	RESTING / EXTENDED
JSHK16S:	400 / 1600mm
JSHK20S:	500 / 2000mm
JSHK28S:	700 / 2800mm
JSHK32S:	800 / 3200mm
JSKH40S:	1000 / 4000mm
JSHK60S:	1500 / 6000mm
JSHK80S:	2000 / 8000mm

1	-	-	PU		-	8x 0,25mm <sup>2</sup>	
Det.-nr	Ant.	Benämning		Material	Mod.-nr ömne Dimension	Ersätter	Ersatt av
Konstr. MB	Ritad MB	Kontr.	Godk.	Format A4	Skala -	-	-
						JSHKX-S SPIRAL + CONN.	
						Sid. 1(1)	Dat. 010619
						Ritn.-nr JSHKXS	Rev. -

Rev.	Pos.	Ändring och/eller medd.-nr.	Datum	Inf.
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HONSTIFT

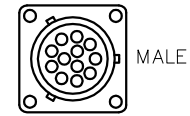
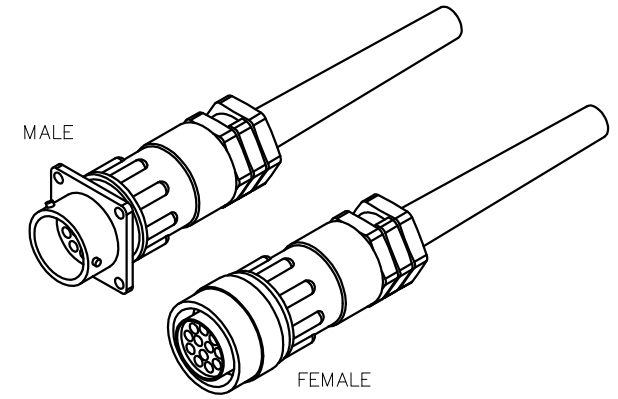
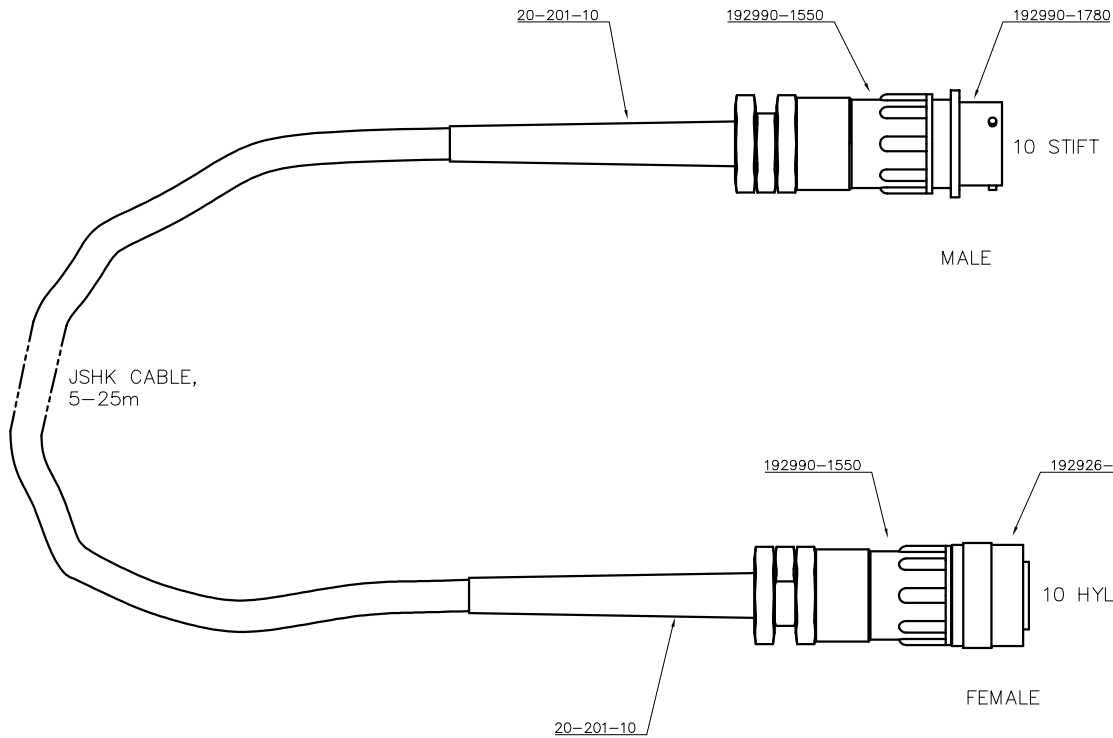
- A: VIT WHITE WEISS BLANC
- B: BRUN BROWN BRAUN BRUN
- C: GRÖN GREEN GRÜN VERT
- D: GUL YELLOW GELB JAUNE
- E: GRÅ GREY GRAU GRIS
- F: ROSA PINK ROSA ROSE
- G: BLÅ BLUE BLAU BLUE
- H: RÖD RED ROT ROUGE
- J: SVART BLACK SCHWARTZ NOIR
- k: LILA PURPLE LILA LILAS



A1 connects to JSHD4  
 A2 connects to B  
 B mounted on cabinet  
 (B ORDERED SEPARATELY)

1	—	—	PVC	Ø6.4	BLACK	
Det.-nr	Ant.	Benämning		Material	Mod.-nr eller Dimension	Anm
Konstr.	Ritad. GKA	Kop.	Kontr.	Stand.	Godk.	Skala 1:2
<b>JOKAB SAFETY</b>						Erätter 040610 Ersatt av Datum 050223
KABEL JSHK5E1 TILL JSHD4						Ritn. HK5E1MONT

Nr.	Ant.	Ändring och/eller medd.-nr.	Datum	Inf.	Godk.
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MALE



FEMALE

**ANSLUTNING**

- A: VIT WHITE WEISS BLANC
- B: BRUN BROWN BRAUN BRUN
- C: GRÖN GREEN GRÜN VERT
- D: GUL YELLOW GELB JAUNE
- E: GRÅ GREY GRAU GRIS
- F: ROSA PINK ROSA ROSE
- G: BLÅ BLUE BLAU BLUE
- H: RÖD RED ROT ROUGE
- J: SVART BLACK SCHWARTZ NOIR
- K: LILA PURPLE LILA LILAS

1	-	-	-	-	-	-	-	-	BLACK
Det.-nr	Ant.	Benämning			Material	Mod.-nr ömne Dimension	Ersätter	Ersatt av	Anm
Konstr.	Ritad.	Kop.	Kontr.	Stand.	Godk.	Skala			
	BREDBERG					1:2			
<b>JOKAB SAFETY</b>							JSHKx-E SKARVKABEL xM		010110
								Ritn.-nr HK5SMONT	

Nr.	Ant.	Ändring och/eller medd.-nr.	Datum	Inf.	Godk.
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