

Belegungsplan für Taktstraße (Art.-Nr. 51664, 96790)

Belegungsplan A (ROBO TX Controller I - Master / ROBO Interface)

Lfd. Nr.	Kabelfarbe	Stiftleiste 20-polig	ROBO TX Controller I	ROBO Interface	Funktion
1	braun1	1	I5	I1	Fototransistor Einlegestation
2	rot1	2	I5	I1	Fototransistor Einlegestation (+)
3	orange1	3	I6	I2	Fototransistor Schieber (+)
4	gelb1	4	I6	I2	Fototransistor Schieber
5	grün1	5	I7	I3	Taster Schieber 1 vor
6	blau1	6	I7	I3	Taster Schieber 1 vor
7	violett1	7	I8	I4	Taster Schieber 1 zurück
8	grau1	8	I8	I4	Taster Schieber 1 zurück
9	weiss1	9	M1	M1	Motor Schieber 1
10	schwarz1	10	M1	M1	Motor Schieber 1
11	braun2	11	M2	M2	Motor Zuführband
12	rot2	12	M2	M2	Motor Zuführband
13	orange2	13	M3	M3	Motor Band Fräsmaschine
14	gelb2	14	M3	M3	Motor Band Fräsmaschine
15	grün2	15	M4	M4	Motor Fräser
16	blau2	16	M4	M4	Motor Fräser
17	violett2	17	C1	I5	Fototransistor Fräsmaschine (+)
18	grau2	18	C1	I5	Fototransistor Fräsmaschine
19	-	19	-	-	-
20	-	20	-	-	-

Belegungsplan B (ROBO TX Controller II – Extension / ROBO I/O-Extension)

Lfd. Nr.	Kabelfarbe	Stiftleiste 20-polig	ROBO TX Controller II	ROBO I/O-Extension	Funktion
1	braun1	1	I5	I1	Fototransistor Bohrmaschine
2	rot1	2	I5	I1	Fototransistor Bohrmaschine (+)
3	orange1	3	M1	M1	Motor Bohrer
4	gelb1	4	M1	M1	Motor Bohrer
5	grün1	5	M2	M2	Band Bohrmaschine
6	blau1	6	M2	M2	Band Bohrmaschine
7	violett1	7	I6	I2	Taster Schieber 2 zurück
8	grau1	8	I6	I2	Taster Schieber 2 zurück
9	weiss1	9	I7	I3	Taster Schieber 2 vor
10	schwarz1	10	I7	I3	Taster Schieber 2 vor
11	braun2	11	M3	M3	Motor Schieber 2
12	rot2	12	M3	M3	Motor Schieber 2
13	orange2	13	M4	M4	Motor Auslagerband
14	gelb2	14	M4	M4	Motor Auslagerband
15	grün2	15	I8	I4	Fototransistor Auslagerband
16	blau2	16	I8	I4	Fototransistor Auslagerband (+)
17	violett2	17	+	+	Lampen (+)
18	grau2	18	⊥	⊥	Lampen (Masse)
19	-	19	-	-	-
20	-	20	-	-	-

Circuit layout for Indexed line (item-no. 51664, 96790)

Circuit layout A (ROBO TX Controller I -Master / ROBO Interface)

No.	cable color	pin connector 20-pin	ROBO TX Controller I	ROBO Interface	function
1	brown1	1	I5	I1	photo-transistor insertion-station
2	red1	2	I5	I1	photo-transistor insertion-station (+)
3	orange1	3	I6	I2	photo-transistor pusher (+)
4	yellow1	4	I6	I2	photo-transistor pusher
5	green1	5	I7	I3	switch pusher 1 forwards
6	blue1	6	I7	I3	switch pusher 1 forwards
7	violett1	7	I8	I4	switch pusher 1 backwards
8	grey1	8	I8	I4	switch pusher 1 backwards
9	white1	9	M1	M1	motor pusher 1
10	black1	10	M1	M1	motor pusher 1
11	brown2	11	M2	M2	motor conveyer
12	red2	12	M2	M2	motor conveyer
13	orange2	13	M3	M3	motor conveyer milling machine
14	yellow2	14	M3	M3	motor conveyer milling machine
15	green2	15	M4	M4	motor milling cutter
16	blue2	16	M4	M4	motor milling cutter
17	violett2	17	C1	I5	photo-transistor milling machine (+)
18	grey2	18	C1	I5	photo-transistor milling machine
19	-	19	-	-	-
20	-	20	-	-	-

Circuit layout B (ROBO TX Controller II – Extension / ROBO I/O-Extension)

No.	cable color	pin connector 20-pin	ROBO TX Controller II	ROBO I/O-Extension	function
1	brown1	1	I5	I1	photo-transistor drilling machine
2	red1	2	I5	I1	photo-transistor drilling machine
3	orange1	3	M1	M1	motor drill bit
4	yellow1	4	M1	M1	Motor drill bit
5	green1	5	M2	M2	conveyer drilling machine
6	blue1	6	M2	M2	conveyer drilling machine
7	violett1	7	I6	I2	switch pusher 2 backwards
8	grey1	8	I6	I2	switch pusher 2 backwards
9	white1	9	I7	I3	switch pusher 2 forwards
10	black1	10	I7	I3	switch pusher 2 forwards
11	brown2	11	M3	M3	motor pusher 2
12	red2	12	M3	M3	motor pusher 2
13	orange2	13	M4	M4	motor release conveyer
14	yellow2	14	M4	M4	motor release conveyer
15	green2	15	I8	I4	photo-transistor release conveyer
16	blue2	16	I8	I4	photo-transistor release conveyer (+)
17	violett2	17	+	+	lamps (+)
18	grey2	18	⊥	⊥	lamps (earth/ground)
19	-	19	-	-	-
20	-	20	-	-	-