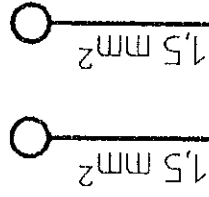
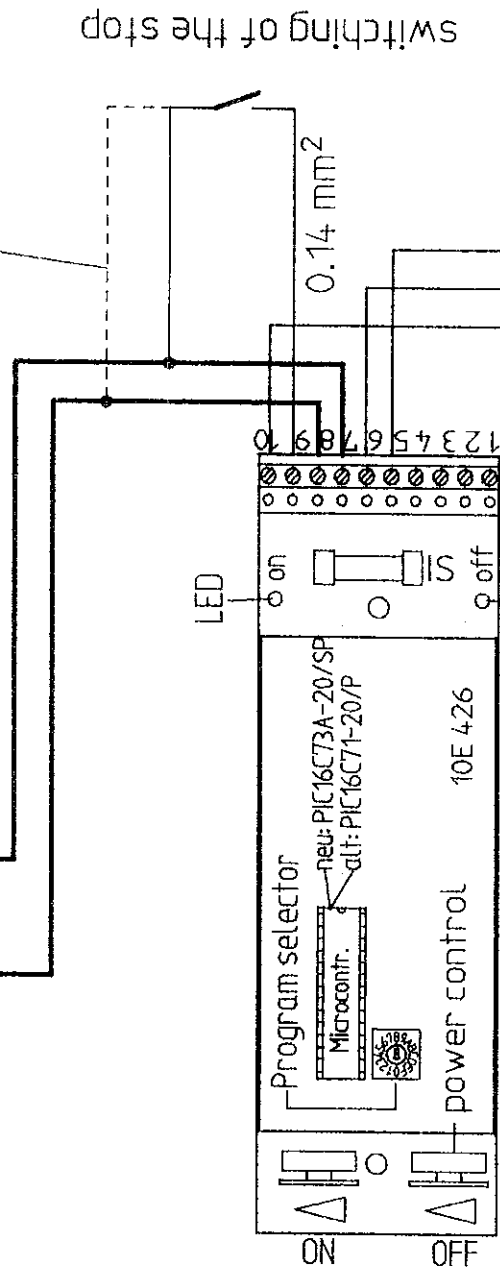


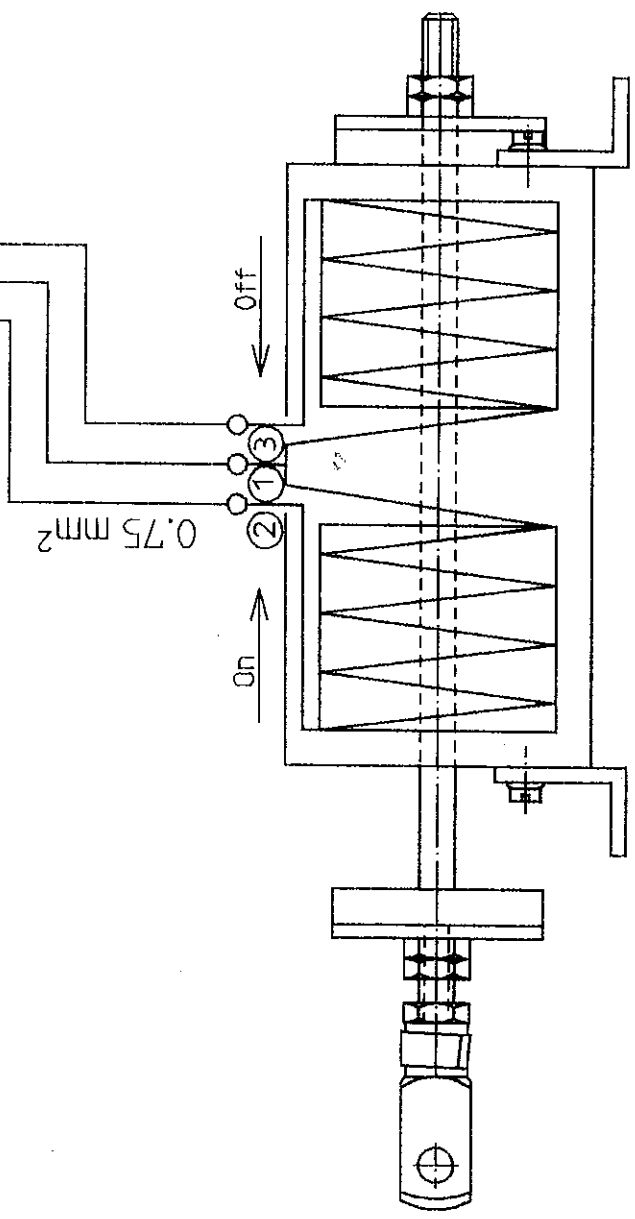
Electricity
- Pole + Pole



Solder bridge at the soldering side
of the printed circuit board
for negative input



switching of the stop



Änderung		Tag	Name	Maßstab	
				Wiring diagram for the slider action solenoid with all-purpose slider control unit Kat.Nr.8 670 21	
Allgemeintoleranzen nach DIN 7168 m		2000	Tag	Maßstab	
		Bearb.	20.09.	Control with RS-stop switch	
		Gepr.			
		Norm.			

All-purpose slider control unit 10E 426 for slider action solenoids No.3 010 20-3 010 81

The control unit corresponds to the CE standard.

Wiring design:

Technical data:

- | | | |
|------------------------|----------------------------|-----------------|
| 5. Coil OFF 3 | Voltage | : 12 V or 24 V |
| 6. + pole solenoid 1 | Max.output current | : 4A negative |
| 7. + pole power supply | Input from the stop switch | : 10mA positive |
| 8. - pole power supply | Option | : 10mA negative |
| 9. Stop on | Fuse | : 4A inert |
| 10. Coil ON 2 | Power control | : 40 - 100% |

The power can be adjusted for each coil

The control unit balances the fluctuation of the power so that the solenoid has always the same pulling power.

If a reverse function of the solenoid is requested the junctions 5 and 10 has to be changed only.

16 different programs, divided in 2 groups, are selected by a selector

Control unit programme 0-9 with switching on positioning
(Function for standard registration=RS-function)

Control unit programme A-F without switching on positioning
(Function for dual registration=ON/OFF function)

Änderung	Tag	Name	Maßstab	description for all-purpose slider control unit No.8 670 21 for the slider action solenoid
				All-purpose slider control unit 10E 426 Control with RS = stop switch

Software programmes for Universal electronic slider solenoid controls

01.01

Programme 0 - 9 with switching on positioning **EP**
(Function for standard registration)

Programme A - F without switching on positioning **EP**
(Function for dual registration)

Without **EP**

With **EP**

Programme F:

Programme 0:

- Output signal for Coil: 0.8 sec
- with pre-impuls

Programme E:

Programme 1:

- Output signal for Coil: 0.8 sec
- without pre-impuls

Programme D:

Programme 2:

- Output signal for Coil: 0.8 sec
- with pre-impuls
- Energy reduction after 0.4sec to 30% of the adjusted power

Programme C:

Programme 3:

- Output signal for Coil: 0.8 sec
- with pre-impuls
- the EPS-inputs are used only for identification of the position (no brake function)

Programme B:

Programme 4:

- Output signal for Coil: 0.8 sec
- without pre-impuls
- the EPS-inputs are used only for identification of the position (no brake function)

▲ AN-AB-Eingänge/ON-OFF-Inputs

AN/ON AB/OFF

▲ RS-Eingang/RS-Input

▲ AN-Spule/ON-Coil

▲ AB-Spule/OFF-Coil

▲ AN-Spule/ON-Coil

▲ AB-Spule/OFF-Coil

▲ AN-Spule/ON-Coil

▲ AB-Spule/OFF-Coil

▲ AN-Spule/ON-Coil

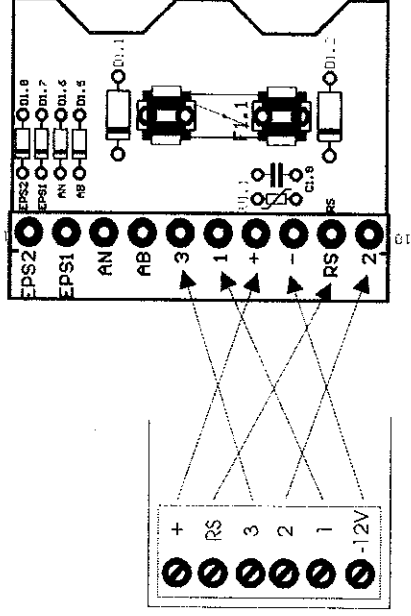
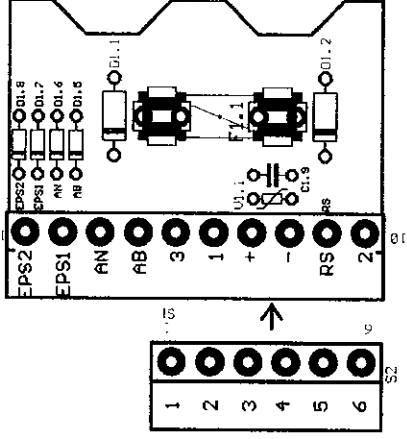
▲ AB-Spule/OFF-Coil

▲ AN-Spule/ON-Coil

▲ AB-Spule/OFF-Coil

Interchange of the current control by the Universal control

- Remove the plug with the 6 conductors
- Remove the current control
- Screw on the Universal control
- Stick up the plug so that the first 4 connections (EPS2, EPS1, AN, AB) are free



Control 507S

Universal Control
(without plug)

▲ AN-AB-Eingänge/ON-OFF-Inputs

AN/ON

AB/OFF

▲ RS-Eingang/RS-Input

without EP

with EP

Programme A:

Programme 5:

- Output signal for Coil: 0.8 sec
- with pre-impuls
- starts always with 100%,

The power set by potentiometer "Kraft" is activated by the potentiometer "Zeit"

Programme 6:

Free for your wishes

Programme 7:

- see Programme 0
- with 30% holding power at ON

Programme 8:

- see Programme 0
- with 30% holding power at ON and OFF

Programme 9:

- Switch programme
- the OFF-Coil is not activated
- without pre-impuls
- ON will be switched until RS is LOW
- ON-Coil will be switched with the adjusted(set) power from the potentiometer „AN“