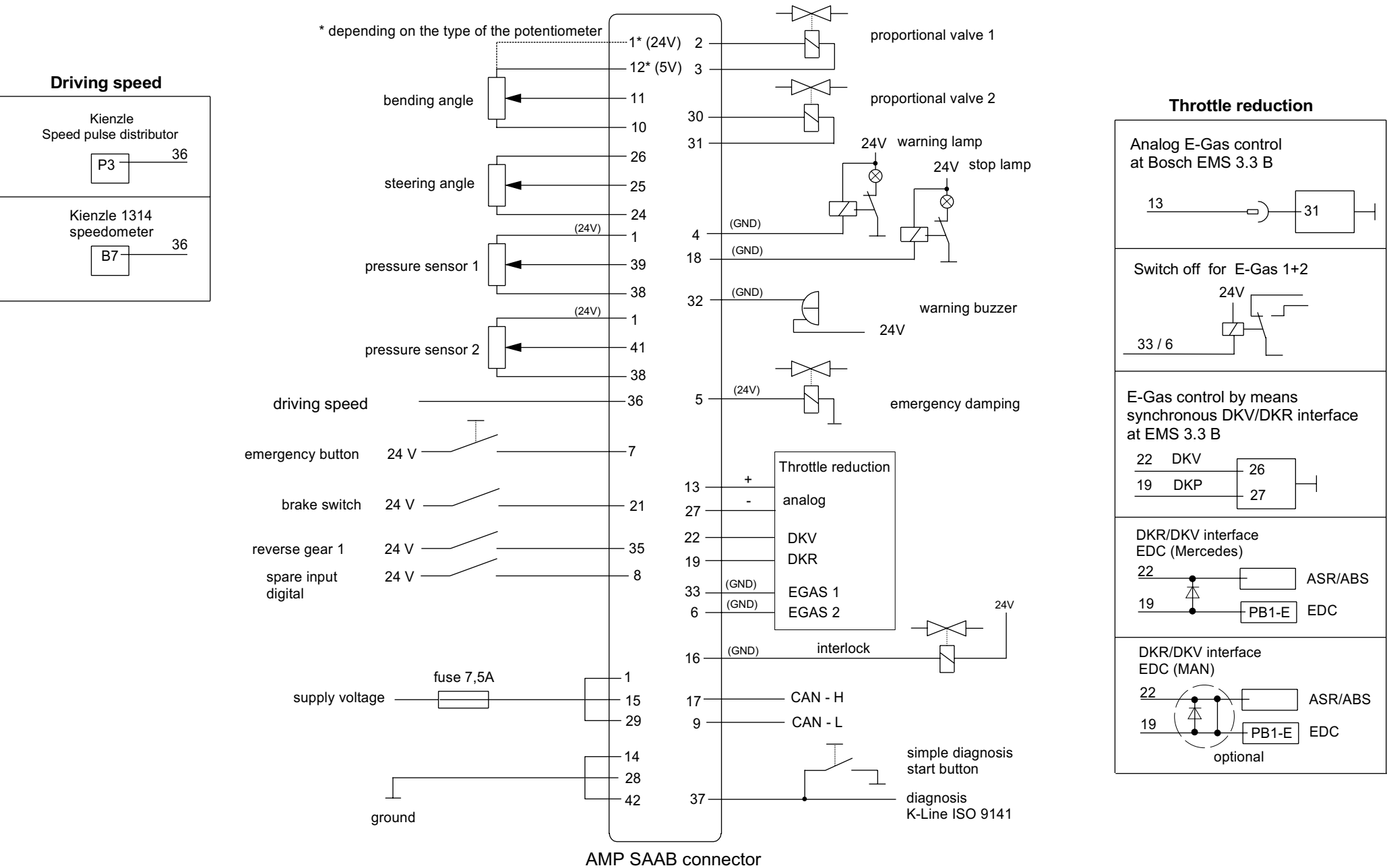


Depending on the vehicle not all inputs and outputs are used.

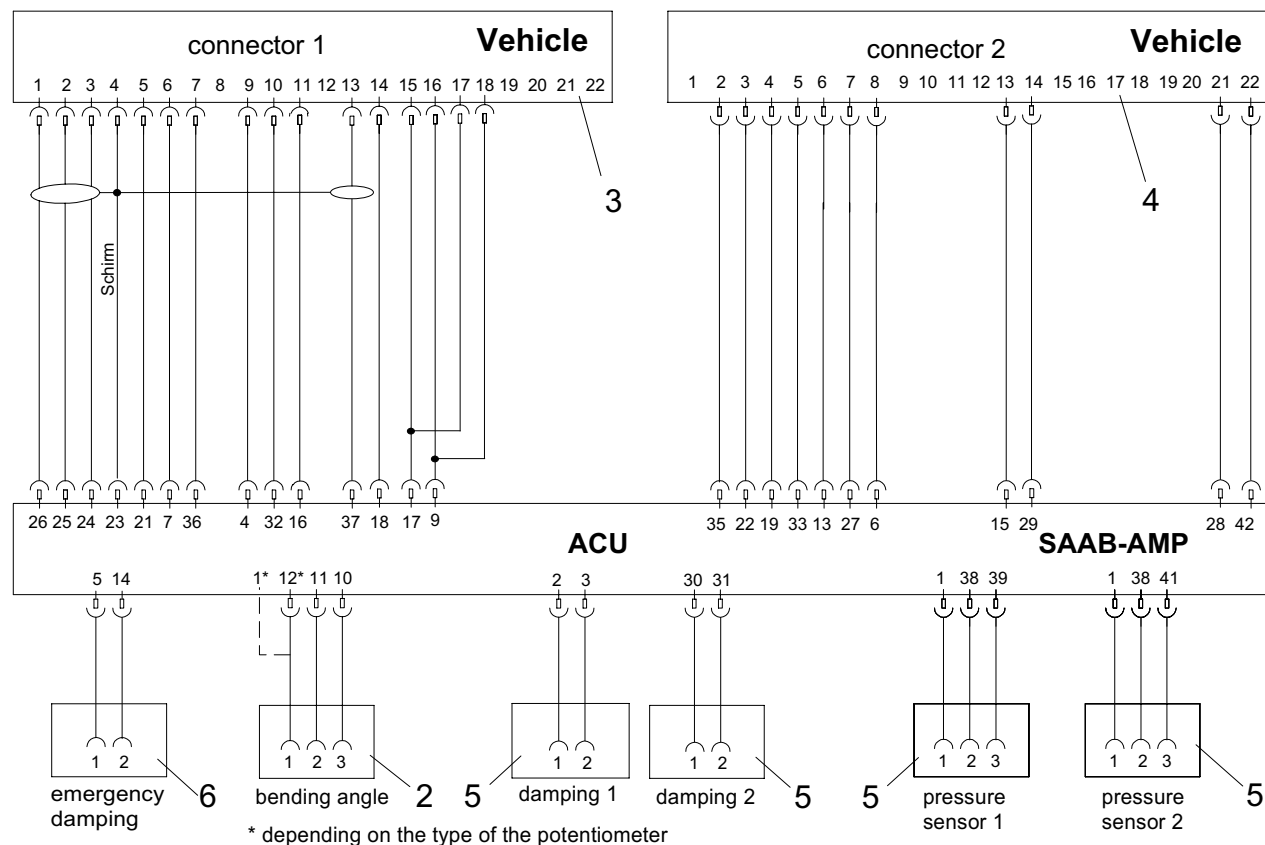
Circuit diagram ACU for 2 cylinder system

schpacu2Zy\_e.dsf 17.07.03



The circuit diagram only serve for general information and can vary according to the vehicle.

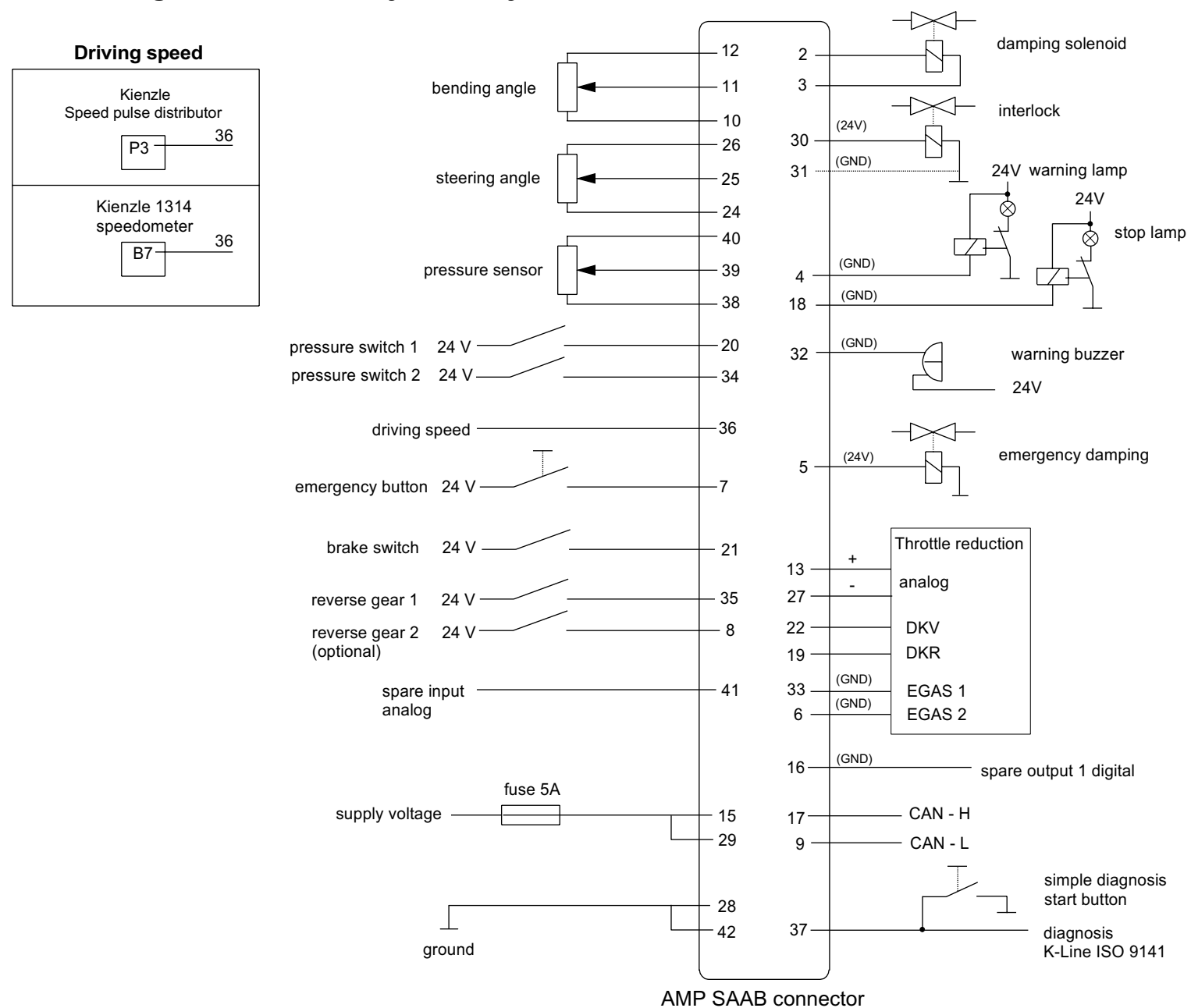
## Circuit diagram cable harness ACU for 2 cylinder system



Depending on the vehicle not all inputs and outputs are used.

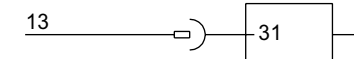
## Circuit diagram ACU for 1 cylinder system

schpacu\_e.dsf 17.07.03

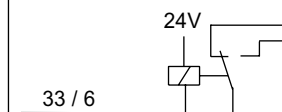


### Throttle reduction

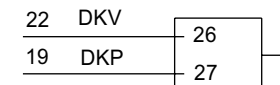
Analog E-Gas control  
at Bosch EMS 3.3 B



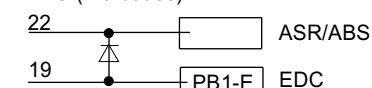
Switch off for E-Gas 1+2



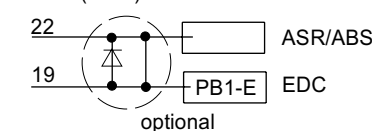
E-Gas control by means  
synchronous DKV/DKR interface  
at EMS 3.3 B



DKR/DKV interface  
EDC (Mercedes)



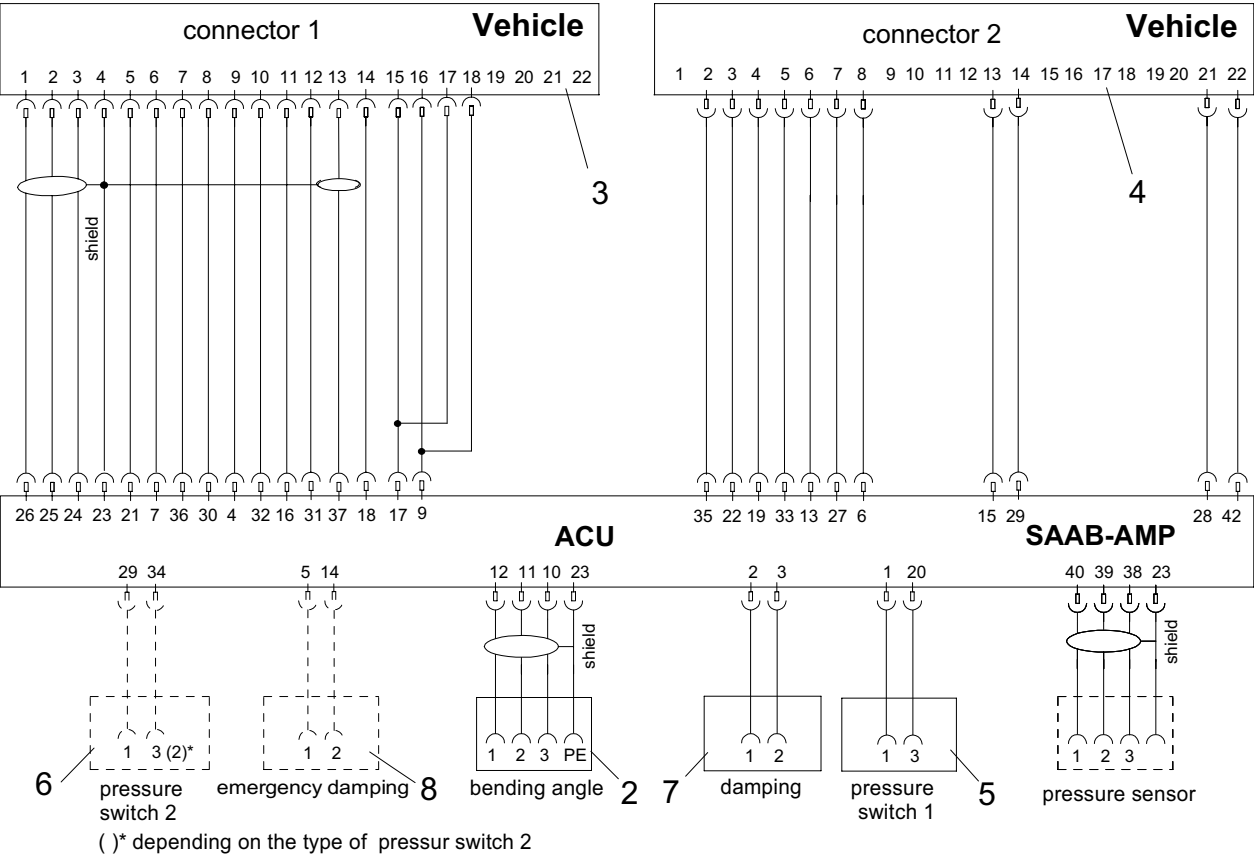
DKR/DKV interface  
EDC (MAN)



The circuit diagram only serve for general information and can vary according to the vehicle.

Circuit diagram cable harness ACU for 1 cylinder system

kabacu\_e.dsf 17.07.03



Pinbelegung SAAB-AMP

|    |                                              |    |                                                                                 |    |                                                                             |    |                                                                                          |    |                    |
|----|----------------------------------------------|----|---------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------|----|------------------------------------------------------------------------------------------|----|--------------------|
| 1  | operation voltage                            | 11 | bending angle potentiometer input reference voltage bending angle potentiometer | 21 | brake switch                                                                | 31 | inter lock (-)                                                                           | 41 | spare input analog |
| 2  | damping (+)                                  | 12 | reference voltage bending angle potentiometer                                   | 22 | DKV signal                                                                  | 32 | warning buzzer                                                                           | 42 | ground             |
| 3  | damping (-)                                  | 13 | EGAS analog (+)                                                                 | 23 | shield                                                                      | 33 | EGAS 1 switching                                                                         |    |                    |
| 4  | warning lamp                                 | 14 | ground                                                                          | 24 | reference ground steering angle potentiometer input                         | 34 | pressure switch 2                                                                        |    |                    |
| 5  | emergency damping                            | 15 | operation voltage                                                               | 25 | steering angle potentiometer reference voltage steering angle potentiometer | 35 | reverse input 1 input speed signal                                                       |    |                    |
| 6  | EGAS 2 switching                             | 16 | spare output 1 digital                                                          | 26 | EGAS analog                                                                 | 36 | K-Line ISO 9141                                                                          |    |                    |
| 7  | emergency button                             | 17 | CAN - H                                                                         | 27 | ground                                                                      | 37 | reference ground pressure sensor input pressure sensor reference voltage pressure sensor |    |                    |
| 8  | reverse input 2 (optional)                   | 18 | stop lamp                                                                       | 28 | operation voltage                                                           | 38 | interlock (+)                                                                            |    |                    |
| 9  | CAN - L                                      | 19 | DKR signal                                                                      | 29 | pressure switch 1                                                           | 39 |                                                                                          |    |                    |
| 10 | reference ground bending angle potentiometer | 20 |                                                                                 | 30 |                                                                             | 40 |                                                                                          |    |                    |

|   |  |                                                                                                                                                                                                                                                                                                                     |
|---|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 |  | AMP Connector housing part. number: 1-965 484 -1<br>socket case part. number: 1-962 369 -1<br>bolt part. number: 962 370<br>cap part. number: 962 370<br>Micro Timer 2 contacts part. number: 962 945-1 (single)<br>962 943-1 (strip)<br>Power Timer contacts part. number: 927 783-3 (single)<br>927 775-3 (strip) |
| 2 |  | AMP Connector housing part. number: 1-826 886-8                                                                                                                                                                                                                                                                     |
| 3 |  | AMP Tab Housing part. Nr.: 929 505-7<br>contacts (0.5-1.0 mm²) part. number: 928 931-2 (single)<br>part. number: 928 930-2 (strip)                                                                                                                                                                                  |
| 4 |  | AMP JP Timer Housing part. Nr.: 929 504-7<br>contacts (0.5-1.0 mm²) part. number: 927 783-3 (single)<br>part. number: 927 775-3 (strip)                                                                                                                                                                             |
| 5 |  | Valve plug case DIN 43650<br>3 pole. + PE<br>contact distance 18 mm<br>protection type IP 65<br>fix with the central screw                                                                                                                                                                                          |
| 6 |  | pay attention to the position of the cable panel to the output.                                                                                                                                                                                                                                                     |
| 7 |  | connector<br>Murrelektronik part. number: 03129020                                                                                                                                                                                                                                                                  |
| 8 |  |                                                                                                                                                                                                                                                                                                                     |