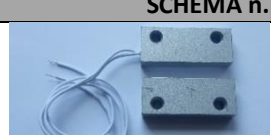


Unit PRINCIP			CONNECTION OF PERIPHERY		
Position	Name position	Color	Signal name	Color / Position	Picture
Power supply unit					SCHEMA n. 1
1	PWR_IN	red	battery 30 (+)	---	
3	GND	brown	ground 31 (-)	---	
12	IGN	black-grey	ignition 15 (+)	---	
OBD2 connector					SCHEMA n. 2
31	CAN0_L	orange-brown	CAN-L	14	
32	CAN0_H	orange-black	CAN-H	6	
1	PWR_IN	red	battery 30 (+)	16	
3	GND	brown	ground 31 (-)	4	
12	IGN	black-grey	ignition 15 (+)	1	
!!! Ignition 15 (+) can be found only at VW concern (ŠKODA, SEAT, VW, AUDI...) !!!					
FMS connector (12-pins)					
3	GND	brown	31 GND (-)	1	
22	UAR	purple-white	-	7	
30	CAN1_H	orange-green	-	5	
29	CAN1_L	orange-brown	-	8	
32	CAN0_H	orange-black	CAN_High	6	
31	CAN0_L	orange-brown	CAN_Low	9	
12	IGN	black-grey	15 IGN (+)	10	
1	PWR_IN	red	30 PWR (+)	12	
FMS connector (18-pins = DAF)					
3	GND	brown	31 GND (-)	1	
22	UAR	purple-white	info-line (D8, aetr)	9	
32	CAN0_H	orange-black	CAN_High	10	
31	CAN0_L	orange-brown	CAN_Low	11	
1	PWR_IN	red	30 PWR (+)	17	
12	IGN	black-grey	15 IGN (+)	18	
Private / business trip switch					SCHEMA n. 3
4	GND	brown-white	switch	position 1	
5	IN1	white	switch, cathode (-) LED	position 2 and 3 (-)	
14	LED_S	red-white	anode (+) LED	position 3 (+)	
Panic button					SCHEMA n. 4
1	PWR_IN	red	30 PWR (+)	-	
11	IN5	purple-red	switch signal	-	
Siren (driver identification)					
12	IGN	black-grey	signal IGN	red	
19	OUT2/IN8	green-yellow	exit OUT2	black	
External power supply 5V (for thermometers)					
1	PWR_IN	red	→ VIN 12/24	red	
			VOUT 5V →	yellow	
3	GND	brown	GND	brown	
DALLAS reader (driver identification) + siren					SCHEMA n. 5
13	DALLAS1	purple-green	DATA	white	
3, 4, 24	GND	brown-green	GND	grey	
18	OUT1/IN7	green	OUT1, cathode LED	yellow	
17	LED_D	red-green	anode red LED	brown	
-	-	-	anode green LED	green	
+++ Siren (driver identification) +++					

Unit PRINCIP			CONNECTION OF PERIPHERY		
Position	Name position	Color	Signal name	Color / Position	Picture
DALLAS (ARD2) reader + siren					SCHEMA n. 6
12	IGN	black-grey	-	pink	
			-	brown	
13	DALLAS1	purple-green	-	white	
3, 4, 24	GND	brown-green	-	green	
+++ Siren (driver identification) +++					
RFID (CF-RL120R-8H) reader + siren					SCHEMA n. 7
2	*PWR_ADJ (5V)	red-yellow	PWR 5V	red	
3, 4, 24	GND	brown-green	GND	black	
26	RSI2	blue-green	DATA	green	
PWR_ADJ			Only available on V760, V721 and V770		
RFID (SL-025B) reader + siren					SCHEMA n. 8
12	IGN	black-grey	VCC	red	
3, 4, 24	GND	brown-green	GND	black	
25	RSO2	blue-white	RXD	yellow	
26	RSI2	blue-green	RXT	green	
+++ Siren (driver identification) +++					
RFID (D-136) reader + siren					SCHEMA n. 9
2	*PWR_ADJ (5V)	red-yellow	VIN	-	
3, 4, 24	GND	brown-green	GND	-	
9	WIE / USL_IN	fialovo-modrá	UART_OUT	-	
27	USL_OUT	fialovo-žlutá	UART_IN	-	
PWR_ADJ			Only available on V760, V721 and V770		
DALLAS Thermometer (SURE MB-SM17111)					SCHEMA n. 10
2	*PWR_ADJ (5V)	red-yellow	VDD	red/1	
13	DALLAS1	purple-green	DG	yellow/2	
3, 4, 24	GND	brown-green	GND	black/3	
PWR_ADJ			Available only for V721 and V770, otherwise an external 5V power supply is required.		
DOOR SENSOR (door opening sensor)					SCHEMA n. 11
3, 4, 24	GND	brown-green	GND	-	
6	IN2	white-brown	Sensor 1 (rear door)	-	
7	IN3	white-yellow	Sensor 2 (side door)	-	
TACHOGRAPH (VDO, Stoneridge)					SCHEMA n. 12
22	UAR	purple-white	Info-line, aetr	D8	
29	CAN1_L	orange-brown	tachograph archiving	C7 and C8	
30	CAN1_H	orange-green		C5	
CAN SNIFFER (can-bus reader)					SCHEMA n. 13
1	PWR_IN	red	5 – 50V (+)	red	
3	GND	brown	GND (-)	brown	
29/31	CAN0_L/ CAN0_L	orange-brown/ orange-brown	CAN_L	yellow	
30/32	CAN1_H/ CAN1_H	orange-black/ orange-green	CAN_H	green	
MESIT (LM1.2) Fuel Probe + Fuse 2A					SCHEMA n. 14
1	PWR_IN	red	PWR (+)	red/10	
3	GND	brown	GND (-)	blue/9	
11	IN5	purple-red	ALARM	white/5	
25	RSO2	blue-white	RX	pink/1	
26	RSI2	blue-green	TX	grey/2	
+++ FUSE 2A (the probe power supply is always fused) +++					