



Lights Sender 2

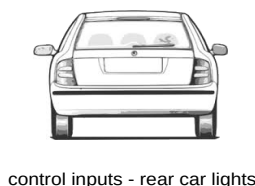
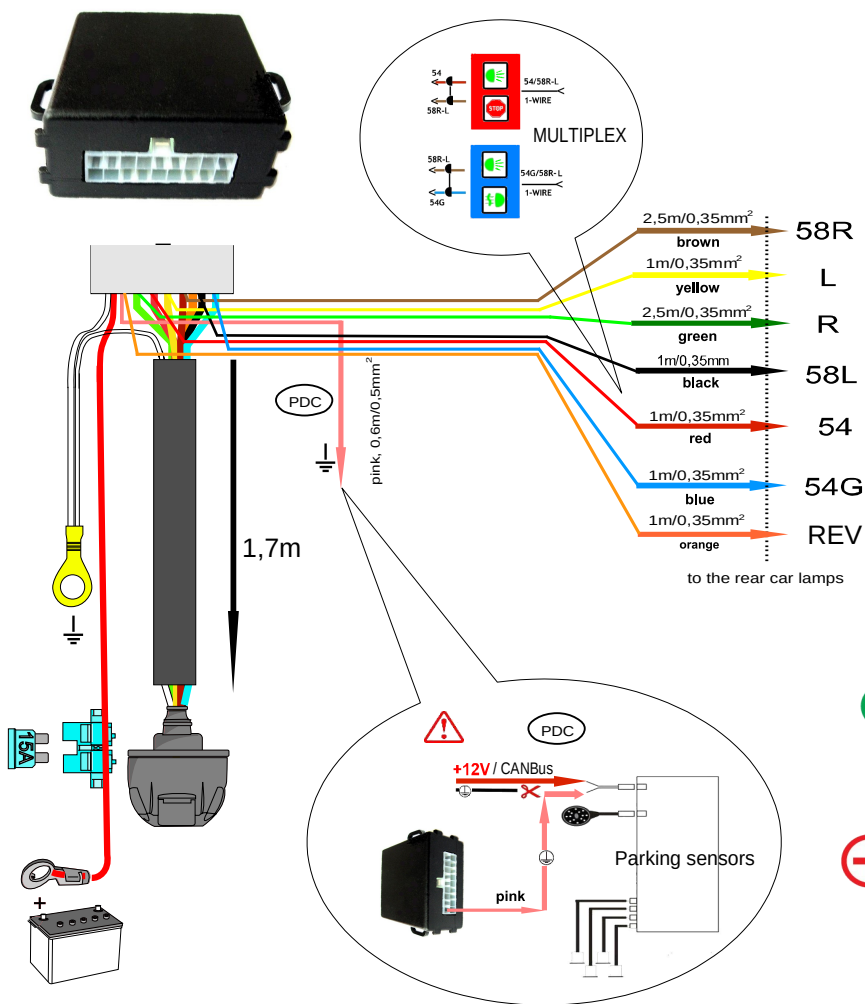
Universal towbar module for wiring 13pin

Electronic module „Lights Sender , type: 2”, is designed for electrical installation 12V, for connect to 13 pin socket installation, for hook installation in cars, which have, computers lighting control, designed to:

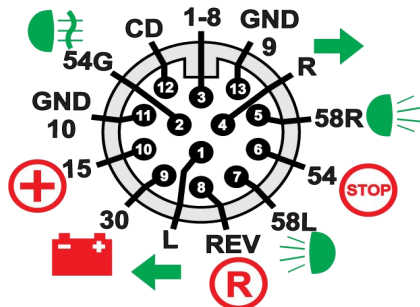
- power and diagnostics bulbs in lamps,
- for control LEDs lamps,
- PWM (monofilaments bulbs, the implementation of the function: STOP / POSITION, POSITION / FOG).

The module is characterized, low current for inputs (1mA), which is not detection by the computer vehicle. The module, off loads the lighting of the vehicle and protect the computer from damage (which can occur, as a result of direct connect circuit of trailer lighting).

The module performs the function of handling parking sensors. When the trailer is disconnected, the module gives ground (max 2A – pink wire), she must power the system parking sensors, and by connecting the trailer, this ground for sensors parking is disconnected.



control inputs - rear car lights



Output cables (to 13-pin trailer socket)

Functions	Power	(D)	(F)	(GB)	(HU)	(IT)	(PL)
1 (L)	Min. 5 W. Max 21W.	gelb	jaune	yellow	sárga	giallo	żółty
2 (54g)	Min. 5 W. Max. 42 W.	blau	bleu	blue	kék	blu	niebieski
3 (31)	Ground (circuit 1-7/8)	weiß	blanc	white	fehér	bianca	biały
4 (R)	Min. 5 W. Max. 42 W.	grün	vert	green	zöld	verde	zielony
5 (58-R)	Min. 5 W. Max. 20 W.	braun	marron	brown	barna	marrone	brązowy
6 (54)	Min. 5 W. Max. 42 W.	rot	rouge	red	piros	rosso	czerwony
7 (58-L)	Min. 5 W. Max. 20 W.	schwarz	noir	black	fekete	nero	czarny
8 (REV)	Min. 5 W. Max. 42 W.	orange	orange	orange	narancssárga	arancia	pomarańczowy
9 Constant plus	Max 20A	rot/schwarz	rouge/noir	red/black	piros/fekete	rosso/nero	czerwony/czarny
10 Charging line	Max 15A	—	—	—	—	—	—
11 Ground (circuit 10)	—	—	—	—	—	—	—
12 Trailer identification	—	—	—	—	—	—	—
13 Ground (circuit 9)	—	—	—	—	—	—	—
Park distance control	GROUND max 2A	rosa	rose	pink	rózsaszín	rosa	różowy

EEC-89/336, 94/20/CE

