

car models and analog outputs  
 for the universally suitable  
**CANBus-signal converter**  
 model: **B2S-4D**  
 version: S.1047.4

with the following analog signal outputs:

**S** = speed pulses

**L** = light (lower beam, parking)

**I** = ignition plus +15

**R** = reversing signal

**CAN-C** highspeed "engine"-CanBus

**CAN-B** lowspeed "comfort"-CanBus

**X** = for this car model the output provides the analog signal

**S** = this car model requires another or a special signal converter (for example. 4-FMS), being available on request.  
 This car model **cannot** be recognized by the present universal signal converter 4FM !

**B** = "lowspeed comfort-CANBUS" = CAN-B must be connected in case of this car model (according to our advises)

**C** = "highspeed engine-CANBUS" = CAN-C must be connected in case of this car model (according to our advises)

NOTE: Customized interfaces or such ones for a lot of other car models are available on request.

NOTE: It may be possible (though we do not know any case up to now) that the car manufacturer modifies CanBus-protocols of a car model during its production cycles or maintenance or call-back occasions.

NOTE: If, despite of utmost care having been applied, this listing should contain any printing errors or mistakes, we beg to excuse this as well as to understand that we object to any liability for them.

NOTE: All instructions, regulations and advises of the car manufacturer, handicraft, governmental authorities, and of ourselves must be strictly observed when installing this interface.

car model	years	CAN	CO blue	yellow	green	white
<b>Alfa Romeo</b>						
147	00-	B	S	S	S	S
Giulietta	10-	C	S	S	S	S
Mito	08-	C	S	S	S	S
<b>Audi</b>						
A1 (8X)	10-	C	X	X	X	X
A3 (8P)	03-09	C	X	X	X	X
	09-	C	S	S	S	S
A4 (8E)	01-04-07	C	X	X	X	X
	(8K)	C	S	S	S	S
A5 (8T)	05-	C	S	S	S	S
A6 (4F)	04-11	C	X	X	X	X
	(4G)	C	S	S	S	S
A7 (4G)	11-	C	S	S	S	S
A8 (4E)	03-10	C	X	X	X	X
	(4H)	C	S	S	S	S
Q5 (8R)	08-	B	S	S	S	S
	08-	C	S	S	S	S
Q7 (4L)	06-	C	X	X	X	X
R8 (8N)	07-	B	S	S	S	S
TT (8J)	06-10	C	X	X	X	X
	10-	C	S	S	S	S
<b>Bentley</b>						
Continental	03-	C	X	X	X	X
<b>BMW</b>						
1 e87	04-	B	X	X	X	X
3 e46	98-05	C	X	X	X	X
e90	05-08-...	B	X	X	X	X
e90 N	08-	B	X	X	X	X
e91	05-08	B	X	X	X	X
5 e39	00-03	C	X	X	X	X
e60/e61	03-10	B	X	X	X	X
F07	09-	C	S	S	S	S
F10/F11	10-	C	S	S	S	S
6 e63/e64	04-11	B	X	X	X	X
F12/F13	11-	C	S	S	S	S
7 F01/F02	09-	C	S	S	S	S
X1 e84	09-	C	S	S	S	S
X3 e83	03-11	C	X	X	X	X
	F25	C	S	S	S	S
X5 e53	00-07	C	X	X	X	X
	e70	C	S	S	S	S
	e70	B	X	X	X	X
X6 e71	08-	B	X	X	X	X
Z4 e85	03-09	C	X	X	X	X
	e89	B	X	X	X	X
<b>Cadillac</b>						
BLS	06-	B	X	X	X	X
CTS	07-	C	S	S	S	S
DTS	11-	C	S	S	S	S
<b>Chevrolet</b>						
Captiva	06-	B	S	S	S	S
Cruze	09-	B	S	S	S	S
Orlando	11-	C	S	S	S	S
<b>Chrysler</b>						
300C	04-	C	X	X	X	X
	04-	B	X	X	X	X
Gr. Voyager	08-	C	S	S	S	S
PT Cruiser	06-	B	X	X	X	X
Sebring	07-	B	X	X	X	X
<b>Citroen</b>						

car model	years	CAN	CO blue	yellow	green	white	OBD
<b>Citroen</b>							
Berlingo	02-08-....	C	X	X	X	X	
C-Crosser	07-	C	X	X	X	X	
C-Zero	10-	C	X	X	X	X	
C2	05-	C	X	X	X	X	
C3 (Pluriel)	02-10	C	X	X	X	X	
	10-	C	X	X	X	X	
Picasso	09-	C	X	X	X	X	
C4	04-10	C	X	X	X	X	
	10-	C	X	X	X	X	
Picasso	04-	C	X	X	X	X	
Pic. Autom	04-	C	X	X	X	X	
C5	01-08-....	C	X	X	X	X	
C6	05-	C	X	X	X	X	
C8	02-	C	X	X	X	X	
DS3	10-	C	X	X	X	X	
DS4	11-	C	X	X	X	X	
Jumper	06-11	B	X	X	X	X	
	11-	C	S	S	S	S	
Jumpy	07-	C	X	X	X	X	
Nemo	08-	C	S	S	S	S	
Relay	06-11	B	X	X	X	X	
	11-	C	S	S	S	S	
Xsara Picasso	99-	C	X	X	X	X	
<b>Daimler</b>							
Super Eight	05-	C	X	X	X	X	
<b>Dodge</b>							
Avenger	07-	B	X	X	X	X	
Caliber	06-	B	X	X	X	X	
Dakota	99-	B	S	S	S	S	
Durango	03-	B	S	S	S	S	
Journey	08-	C	X	X	X	X	
Nitro	07-	C	S	S	S	S	
Ram Pickup	05-09	B	X	X	X	X	
	09-	C	X	X	X	X	
<b>Fiat</b>							
500	07-	C	S	S	S	S	
Bravo	05-	B	X	X	X	X	
Croma	05-	B	X	X	X	X	
Doblo	01-10	B	X	X	X	X	
	10-	C	S	S	S	S	
Ducato	06-11	B	X	X	X	X	
	11-	C	S	S	S	S	
Fiorino	08-	C	S	S	S	S	
Grande Punto	06-	B	S	S	S	S	
Linea	08-	B	S	S	S	S	
Panda	04-	B	X	X	X	X	
Punto Evo	09-	C	S	S	S	S	
Qubo	09-	C	S	S	S	S	
Scudo	07-	C	X	X	X	X	
Sedici	07-	C	S	S	S	S	
Stilo	01-	B	X	X	X	X	
Ulysse	02-	C	X	X	X	X	
<b>Ford</b>							

car model	years	CAN	CO blue	yellow	green	white	OBD
<b>Ford</b>							
C-max	03-07	C	X	X	X	X	6-14
	07-10	C	X	X	X	X	6-14
	10-	C	S	S	S	S	3-11
Edge	07-	C	S	S	S	S	
F150	04-	C	S	S	S	S	6-14
Fiesta	02-05	C	X	X	X	X	3-11
	05-08	C	X	X	X	X	3-11
	08-	C	X	X	X	X	6-14
Focus	04-08-11	C	X	X	X	X	6-14
	11-	C	S	S	S	S	3-11
Fusion	02-05	C	X	X	X	X	3-11
	05-	C	X	X	X	X	3-11
Galaxy	06-	C	X	X	X	X	3-11
Ka	08-	C	S	S	S	S	6-14
Kuga	08-	C	X	X	X	X	6-14
Mondeo	03-05-07	C	X	X	X	X	6-14
	07-10-...	C	X	X	X	X	3-11
S-max	06-	C	X	X	X	X	3-11
Tourneo C.	06-09	C	X	X	X	X	6-14
	09-....	C	X	X	X	X	6-14
Transit	06-09-....	C	X	X	X	X	3-11
	06-09-....	C	X	X	X	X	6-14
Transit C.	06-09	C	X	X	X	X	6-14
	09-...	C	X	X	X	X	3-11
	09-...	C	X	X	X	X	6-14
<b>GMC</b>							
Savana	03-	C	S	S	S	S	
<b>Honda</b>							
Accord	08-....	C	S	S	S	S	
Civic	05-....	C	S	S	S	S	
Civic Hybrid	06-....	C	S	S	S	S	
CR-V	07-....	C	S	S	S	S	
CR-Z	10-....	C	S	S	S	S	
Insight	09-....	C	S	S	S	S	
Jazz	09-....	C	S	S	S	S	
<b>Hyundai</b>							
H300	08-	C	S	S	S	S	
<b>Infinity</b>							
EX37	08-	C	X	X	X	X	
FX50s	08-	C	X	X	X	X	
G37	08-	C	X	X	X	X	
G37s	08-	C	X	X	X	X	
<b>Iveco</b>							
Daily	06-	B	X	X	X	X	
<b>Jaguar</b>							
S-type	98-04-....	C	S	S	S	S	
X-type	01-	C	X	X	X	X	f 6-14
XF-type	08-	C	S	S	S	S	S
XJ-type	03-	C	S	S	S	S	S
<b>Jeep</b>							
Cherokee	08-	C	S	S	S	S	S
Commander	06-	B	X	X	X	X	S
Compass	07-	B	X	X	X	X	
Gr. Cherokee	05-10	B	X	X	X	X	
	10-	C	S	S	S	S	S
Patriot	07-	B	X	X	X	X	
	07-	C	X	X	X	X	
Wrangler	07-	C	S	S	S	S	S
<b>Lancia</b>							
Delta	08-	B	X	X	X	X	X
Phedra	02-	C	X	X	X	X	X
<b>Landrover</b>							

car model	years	CAN	blue	yellow	green	white
			L	I	R	
<b>Landrover</b>						
Discovery3	04-10	C	S	S	S	S
Discovery4	10-	C	S	S	S	S
Range Rover	10-	C	S	S	S	S
<b>Lexus</b>						
CT	11-	C	S			
RX	09-	C	S			
<b>Mazda</b>						
2	08-	C	S	S		S
3	03-09-...	C	X			X
6	08-	C	S	S	S	S
<b>Mercedes</b>						
A w168	97-04	C	X	X	X	X
w169	05-	C	X	X	X	X
B w245	05-	C	X	X	X	X
C w203	00-07	C	X	X	X	X
w204	07-	C	S	S	S	S
CL (140)	91-99	C	X	X	X	X
(216)	06-	C	S	S	S	S
CLK c209	02-	C	X	X	X	X
CLS c219	04-11	C	X	X	X	X
c218	11-	C	S	S	S	S
E w210	95-02	C	X	X	X	X
w211	02-07-09	C	X	X	X	X
w212	09-	C	S	S	S	S
Coupe w207	09-	C	S	S	S	S
G	90-	C	X	X	X	X
GL 164	06-	C	X	X	X	X
GLK	08-	C	S	S	S	S
M w163	98-05	C	X	X	X	X
ML w164	05-	C	X	X	X	X
R w251	06-	C	S	S	S	S
S w140	91-98	C	X	X	X	X
w220	99-05	C	X	X	X	X
w221	05-	C	S	S	S	S
SL w230	01-	C	X	X	X	X
SLK r171	04-	C	X	X	X	X
Sprinter	00-06	C	X	X	X	X
	06-	C	X	X	X	X
Vaneo 414	02-	C	X	X	X	X
V-Klasse	99-03	C	X	X	X	X
Viano	03-10	C	X	X	X	X
	10-	C	X			
Vito	99-03-10	C	X	X	X	X
	10-	C	X	X		X
<b>Mini</b>						
One/Cooper	07-	B	X	X	X	X
Countryman	05-	B	S	S	S	S
<b>Mitsubishi</b>						
ASX	10-	C	X		X	
Colt	04-	C	X		X	
iMiev	10-	C	X		X	
Outlander	07-10	C	X		X	
Outlander	10-	C	X		X	

car model	years	CAN	blue	yellow	green	white
			L	I	R	
<b>Nissan</b>						
Cabstar	06-	C	X			
Frontier	05-	C	X			
Interstar	02-04-...	C	X	X	X	
Juke	08-	C	S			
Leaf	11-	C	X	X		
Murano	04-10-...	C	X	X	X	
Navara	05-	C	X			
NV 200	10-	C	X	X		X
Pathfinder	05-	C	X			
Pixo	09-	C	S			
Primastar	03-06-10	C	X	X	X	
Qashqai	07-	C	X	X	X	
Qashqai2	09-	C	X	X		
X-Trail	04-07	C	X			
<b>Opel</b>						
Agila	08-	C	S		S	
Antara	07-	B	S	S	S	S
Astra H	04-07	B	X	X	X	X
	07-09	B	X		X	X
	09-	C	S		S	
J	09-	C	X			
Combo	04-	C	X			
Corsa C	04-06	C	X			
D	06-	B	X		X	
GT	07-	B	X		X	
Insignia	09-	C	X	X	S	
Meriva	04-10	C	X	X	X	X
	10-	C	S		S	
Movano	03-10	C	X	X	X	
	10-	C	X	X		X
Signum	03-	B	X	X	X	X
Tour	04-	C	X			
Vectra	02-05-...	B	X		X	X
Vivaro	01-06-10	C	X	X	X	
	10-	C	X		S	S
Zafira	05-	B	X		X	X
<b>Peugeot</b>						
207	06-	C	X	X	X	X
307	01-05	C	X	X	X	X
	05-	C	X	X		
308	07-	C	X	X	X	X
3008	09-	C	X	X	X	X
406	01-04	C	X		X	X
407	04-	C	X	X	X	X
4007	08-	C	X		X	
508	11-	C	X	X	X	X
5008	09-	C	X		X	X
607	00-05	C	X		X	
	05-	C	X		X	X
807	02-	C	X	X	X	X
Bipper	08-	C	S		S	S
Boxer	06-11	B	X	X	X	X
	11-	C	S	S	S	S
Expert	07-	C	X	X	X	X
iOn	10-	C	X			
Partner	03-08	C	X		X	X
	08-....	C	X	X	X	X
Ranch	03-08	C	X		X	X
<b>Porsche</b>						
911/997	04-	C	S	S	S	S
Boxster	05-	C	S	S	S	S
Cayenne	03-10	C	S	S	S	S
	10-	C	S	S		
Cayman	05-	C	S		S	S
<b>Renault</b>						

car model	years	CAN	blue	yellow	green	white
			L	I	R	
<b>Renault</b>						
Clio	01-05-	C	X	X	X	
Espace	02-06	C	S	S	S	S
	06-	C	X	X		X
Fluence	10-	C	X			
Grand Scénic	09-	C	X			
Kangoo	03-08	C	X	X		
	08-	C	X	X	X	X
Koleos	08-	C	X	X	X	X
Laguna	01-05	C	X			X
	05-07	C	X	X		
	07-	C	X			
Mascott	05-	C	X		X	
MasterPropuls	05-	C	X		X	
Master	03-10	C	X	X	X	
	10-	C	X	X		X
Mégane	02-09	C	X	X	X	X
	09-	C	X			
Modus	04-	C	X	X		X
Scénic	03-09	C	X	X	X	X
	09-	C	X			
Trafic	01-06-10	C	X	X	X	
	10-	C	S	S	S	
Twingo	07-	C	X	X		
<b>Saab</b>						
9 - 3	07-	B	X		X	
9 - 5	10-	C	S			
<b>Seat</b>						
Alhambra	00-10-...	C	X	X	X	X
Altea	04-09-...	C	X	X	X	X
Exeo	09-	C	X	X	X	
Ibiza	08-	C	X	X	X	X
Leon	05-09	C	X	X	X	X
	09-	C	X	X		X
Toledo	04-	C	X	X	X	X
<b>Skoda</b>						
Octavia	04-08-....	C	X	X	X	X
Roomster	06-11	C	X	X	X	
	11-	C	X		X	X
Superb	02-08	C	X		X	
	08-	C	X	X	X	X
Yeti	10-	C	X	X	X	X
<b>Smart</b>						
For-2	97-07	C	X	X	X	X
For-2	07-	C	X	X	X	
For-4	04-	C	X	X	X	
Roadster	03-	C	S	S	S	S
<b>SsangYong</b>						
Actyon	07-	C	S			
Korando	10-	C	X		X	
Kyron	05-	C	S			
Rodius	05-	C	S			
<b>Subaru</b>						
Impreza	07-	C	S	S	S	S
<b>Suzuki</b>						
Alto	09-	C	S			
Gr.Vitara	05-	C	S	S	S	
Kizashi	10-	C	S			
Splash	08-	C	S			
SX4	06-	C	S	S		
Swift	10-	C	S	S		
<b>Toyota</b>						

car model	years	CAN	blue	yellow	green	white	OBD
			L	I	R		
<b>Toyota</b>							
Auris	07-10	C	S	S	S	S	
	10-	C	S	S	S	S	
Corolla	08-	C	S	S	S	S	S
Landcr. 200	08-	C	S	S	S	S	S
Rav4	06-	C	S				
Yaris	06-	C	S			S	
<b>VW Volkswagen</b>							
Amarok	11-...	C	X		X	X	X
Caddy	04-10-...	C	X	X	X	X	X
Caravelle T5	03-09-...	C	X	X	X	X	X
Crafter	06-	C	X	X	X	X	X
Eos	06-	C	X	X	X	X	X
Fox	05-	C	X	X	X	X	X
Golf 5	03-08	C	X	X	X	X	X
Golf 5 Plus	05-09	C	X	X	X	X	X
Golf 6	08-	C	X	X	X	X	X
Jetta	05-	C	X	X	X	X	X
Multivan T5	03-09-...	C	X	X	X	X	X
Passat	99-05	C	X		X		
	05-10-...	C	X	X	X	X	X
	08-	C	X	X	X	X	X
Phaeton	02-	C	X		X		
Polo (9N)	05-09	C	S	S	S	S	S
(6R)	09-	C	S	S	S	S	S
Scirocco	08-10-...	C	X	X	X	X	X
Sharan	00-10-...	C	X	X	X	X	X
Tiguan	07-	C	X	X	X	X	X
Touareg	03-10	C	X	X	X	X	X
	10-	C	S	S	S	S	S
Touran	03-10-...	C	X	X	X	X	X
T5 Transp.	03-09-...	C	X	X	X	X	X
<b>Volvo</b>							
C30	07-10	C	S		S		6-14
	10-	C	X				3-11
C70	06-10	C	X	X	X	X	3-11
	10-	C	X				3-11
S40	04-07	C	X	X	X	X	3-11
	07-10	C	X	X	X	X	3-11
	10-	C	X				3-11
S60	00-04	C	X	X	X	X	3-11
	04-06	C	S	S	S	S	6-14
S80	98-04	C	X		X	X	3-11
	04-06	C	S	S	S	S	5-14
	06-09	C	S	S	S	S	3-11
	09-	C	S	S			3-11
V50	04-07	C	X	X	X	X	3-11
	07-10	C	X		X	X	3-11
	10-	C	X				3-11
V70	00-04	C	X	X	X	X	3-11
	04-07	C	S	S	S	S	3-11
	07-	C	S	S	S	S	3-11
XC60	08-09-...	C	S	S	S	S	6-14
XC90	03-06	C	X	X	X	X	3-11
	06-	C	S		S	S	6-14

S = speed pulses  
L = light (lower beam, parking)  
I = ignition (+15)  
R = reversing signal

**CanBus-Signalwandler 4D (B2S-4D)**

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