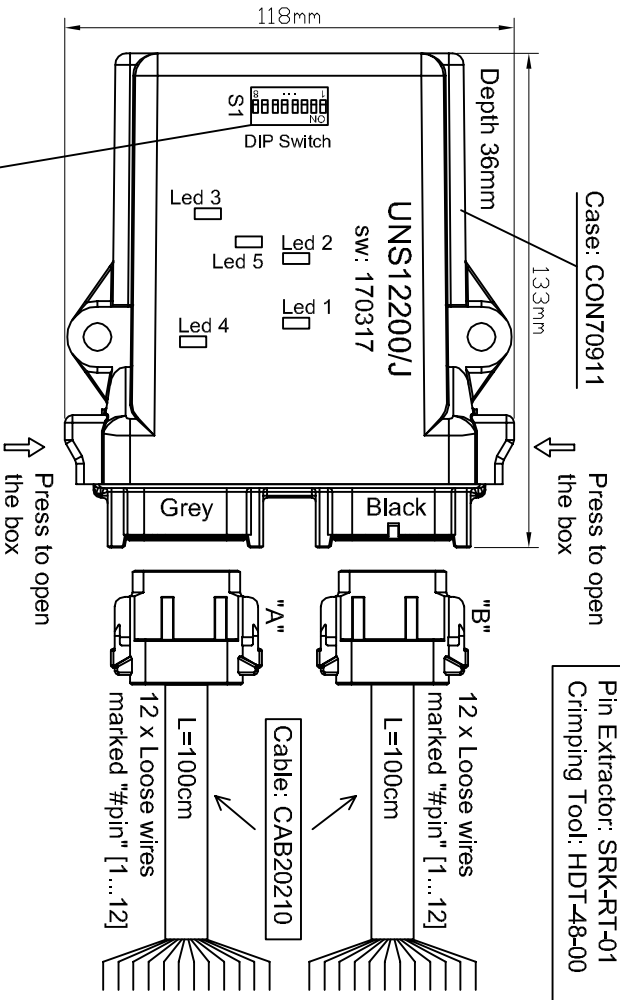


Deutsch Connectors:
 "A" DTM06-12SA (CON70389) + WM-12S (CON70391) + 12x0462-201-20141 (CON70216/5) + DTM12S-BT (CON70914)
 "B" DTM06-12SB (CON70390) + WM-12S (CON70391) + 12x0462-201-20141 (CON70216/5) + DTM12S-BT-BK (CON70913)

Deutsch Accessories:
 Pin Extractor: SRK-RT-01
 Crimping Tool: HDT-48-00



INTERNAL DIAGNOSTIC LED:
 Led 1 (green): 5V_P - ON => OK
 Led 2 (green): 3V_P - ON => OK
 Led 3 (green): CPU - If Main Running => blinking with T_{On}=1s + T_{Off}=1s. Otherwise failure => ON (and also during the PowerOn) or OFF.
 Led 4 (green): FAULT - ON => Cumulative Fault
 Led 5 (green): CanBus Status - ON: message transmission or reception.

Dip	Function
1	Always OFF - ON = Engine Speed calibration Input: Gain Increase
2	Always OFF - ON = Engine Speed calibration Input: Gain Decrease
3	Always OFF - Not Used
4	Always OFF - Not Used
5	Always OFF - Not Used
6	Always OFF - Not Used
7	Always OFF - Not Used
8	Always OFF - Not Used

Personalizzazione S1 di default:
 Dip 1 = OFF
 Dip 2 = OFF
 Dip 3 = OFF
 Dip 4 = OFF
 Dip 5 = OFF
 Dip 6 = OFF
 Dip 7 = OFF
 Dip 8 = OFF

Gateway Functionality Output CANBUS J1939	
Programming Software: 170317	
PGN	Description PGN
0x00F004	61444 EEC1.
0x00FEEF	65263 Engine Fluid Level / Pressure K.
0x00FEEE	65262 Engine Temperature.
0x00FEF7	65271 Vehicle Electrical Power.
0x00FEF8	65272 Transmission Fluids 1
0x00FEFC	65276 Dash Display
0x00FF13	65299 Proprietary Message
0x00FECA	65226 Dm1 (Alarms)

External connections	
<p>Connector "A" (DTM06-12SA - Grey)</p> <ol style="list-style-type: none"> 1: Power supply (12...24Vdc) 2: GND 3: Engine Low Oil Press Input (****) 4: E:High Cool.Temp. In. (switch active if closed to gnd) 5: Battery Voltage Input (0...32.6V) 6: Not Connected (NC) 7: Not Connected (NC) 8: Can_H J1939 (CANH) (****) 9: Can_L J1939 (CANL) (****) 10: Can_GND (power supply V₋) 11: Not Connected (NC) 12: Not Connected (NC) 	<p>Connector "B" (DTM06-12SB - Black)</p> <ol style="list-style-type: none"> 1: Not Connected (NC) 2: GND 3: Engine Speed In.: W 6 Pulse: 10kHz max; 8000rpm max (*) 4: Not Connected (NC) 5: D+ Input (0...32.6V) (**) 6: Not Connected (NC) 7: Engine Coolant Temp Input (287..220Ω = 40...120°C) 8: Engine Oil Press Input (10...1800Ω = 0...10bar) 9: Fuel Level % Input (10...1800Ω = 0...100%) 10: GearBox Oil Press Input (10...180...200Ω = 0...25...30bar) 11: Not Connected (NC) 12: Not Connected (NC)

Rev:	Date:	Descrizione modifiche - Description of changes:	
0	21/03/17	Prima emissione	
1	31/05/19	Aggiunte note varie	
SAN GIORGIO S.E.I.N. GENOVA - ITALY			
Tel. 010-8301222 - www.sangiorgioseln.com			
Writing diagram J1939 Converter - UNS12200/J			
Number:	Sheet:	Date:	Size:
D170322	1/1	31/05/19	A4
Complet:	Checked:	Approved:	
Garzi P.	Casaretto G.	Manuelli M.	

Se non diversamente specificato, tutte le dimensioni sono da intendersi in mm e le tolleranze delle quote ±0,1mm