

ISO 11992-1:2003-04 (E)

Road vehicles - Interchange of digital information on electrical connections between towing and towed vehicles - Part 1: Physical and data-link layer

Contents		Page
Foreword		iv
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Abbreviations	2
5	General specification	3
6	Physical layer	3
6.1	General requirements	3
6.2	Physical media	3
6.3	Contacts	5
6.4	Physical medium attachment	5
6.5	Physical signalling	12
7	Conformance test circuits	13
7.1	General	13
7.2	Recessive output of the ECU	13
7.3	Input resistance R1	14
7.4	Dominant output of the ECU and serial resistance R2	15
7.5	Receive threshold of recessive bits	15
7.6	Receive threshold for dominant bit	16
7.7	Offset voltage	16
7.8	Internal signal delay	18
7.9	Bus failure management and power-on procedure	19
7.10	Bit timing	20
8	Data link layer	21
9	Fault confinement	21
Bibliography		22