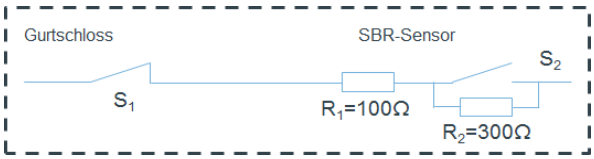
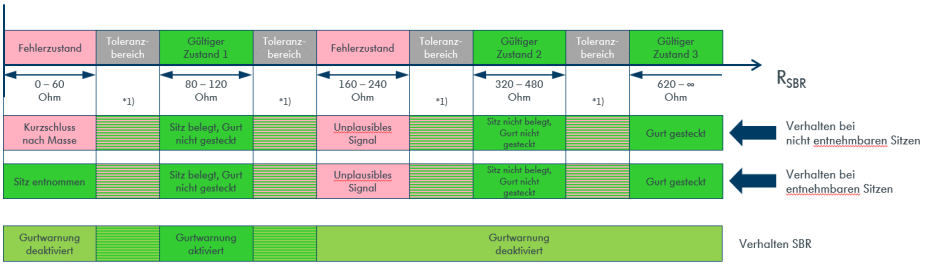
		SectionIDCategoryText	
	2.6.6	218904 Headline	processing
2.6.6.	4218909	Functional requirement	The airbag control unit shall continuously measure the resistance at a sampling rate to be tuned, determine from this the occupancy status of the seat and the seat belt buckle status, and display this information on the bus.
2.6.6.14	218922	HeadingVariant	1 (100/400 Ohm)
2.6.6.14.1	218923	InformationSubstitution diagram	: Seat occupancy sensor 100/400 Ohm with belt buckle in series: [LINK][IMAGE]



2.6.6.14.2	218924	InformationRanges of resistance	: Seat occupancy sensor 100/400 Ohm with belt buckle in series: [LINK][IMAGE]



2.6.6.14.3	218927	Functional Request	It must be possible to classify the following resistance ranges. *. Case distinction R <= 60 Ohm: 1. non-removable seats: short circuit to ground 2. removable seats: seat removed *. Tolerance range: 60 Ohm < R <80 Ohm *. Seat occupied, belt not plugged: 80 Ohm <= R <=120 Ohm *. Tolerance range: 120 Ohm < R <160 Ohm *. Implausible: 160 Ohm <= R <= 240 Ohm *. Tolerance range: 240 Ohm < R < 320 Ohm *. Seat not occupied, belt not plugged: 320 Ohm <= R <= 480 Ohm *. Tolerance range: 480 Ohm < R < 620 Ohm *. Belt plugged: R >= 620 Ohm
2.6.6.14.4	218928	InformationWithin the	tolerance ranges, one of the two adjacent states may be detected.
2.6.6.14.5	218929	Functional Request	In areas that are not marked as a tolerance range, the required condition must be reliably detected.