

BO20E-05 Next position monitoring

TrainData		TrainData
switch signals	<p>The next position system monitors the current position of the train and with inputs like direction, speed and track switch it can determine the next position of the train.</p> <p>If the train is not in motion it will return a unique “no value”, this is to ensure that the safety system are not triggered by a stationary train. This is only for the next position value, the position value will not be affect when the train is motionless in the railway.</p> <p>Next position system is crucial for the function of the anti-collision and the position system. Because the information of knowing where the next position determines if it going to be a collision or not. And for the position system it ensure that you can not skip a position in the railway.</p> <p>For this system we had to integrate the reed relays and the cameras together. For the example see the picture above the “Next position detection system”, if the train is driving forward in tracknumber 1 with position 2. Then will the next position system calculate position 13 as the next position.</p>	
No value		