

BO20E-05 Position monitoring

		Train position
Input from all sensors	<p>The position monitoring system monitors the trains current position. To get this information the position monitoring system uses a combination of current position, next position, and the trains track number to find the position.</p>	
	<p>With the new cameras implemented, a new system of position monitoring has been added. When a camera has seen a train, the position monitoring system will automatically overwrite the trains position to 1, 2, 3, or 4 depended on which camera that gives the feedback.</p>	TrainData_Prim
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TrainData_Sek	<p>In the transfer between camera position to digital position from the reed relay. We use a combination of current position, next position and track number to determine which train who has passed the reed relay. For example if the train has been seen in position two, and are in track number 1 and the next position detection system has calculated the next position to be 13, then the positioning monitoring will wait for an input from the AS13A-sensor and then the position of the train will be updated to 13. The new position system makes sure of no limitations of how many trains the position monitoring can handle.</p>	
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