## [SENSOR]

```
MaxReadings == [smax : SENSOR \rightarrow \mathbb{Z}]
```

```
KeepMaxReadingE1 == \\ [\Xi MaxReadings; s? : SENSOR \mid \\ s? \not\in dom smax]
```

```
 \begin{array}{l} KeepMaxReadingE2 \\ \hline \Xi MaxReadings \\ s?: SENSOR; \ r?: \mathbb{Z} \\ \\ s? \in \mathrm{dom}\, smax \\ r? \leq smax \ s? \end{array}
```

```
KeepMaxReading == KeepMaxReadingOk \ \lor KeepMaxReadingE1 \ \lor KeepMaxReadingE2
```