

*KeepMaxReading\_DNF\_1*

$smax : SENSOR \rightarrow \mathbb{Z}$

$s? : SENSOR$

$r? : \mathbb{Z}$

$(smax\ s? < r?$

$s? \in \text{dom } smax) \vee s? \notin \text{dom } smax \vee (s? \in \text{dom } smax$

$r? \leq smax\ s?)$

$smax\ s? < r?$

$s? \in \text{dom } smax$

*KeepMaxReading\_SP\_4*

$smax : SENSOR \rightarrow \mathbb{Z}$

$s? : SENSOR$

$r? : \mathbb{Z}$

$(smax\ s? < r?$

$s? \in \text{dom } smax) \vee s? \notin \text{dom } smax \vee (s? \in \text{dom } smax$

$r? \leq smax\ s?)$

$smax\ s? < r?$

$s? \in \text{dom } smax$

$smax\ s? = 0$

$r? > 0$

*KeepMaxReading\_SP\_5*

$smax : SENSOR \rightarrow \mathbb{Z}$

$s? : SENSOR$

$r? : \mathbb{Z}$

$(smax\ s? < r?$

$s? \in \text{dom } smax) \vee s? \notin \text{dom } smax \vee (s? \in \text{dom } smax$

$r? \leq smax\ s?)$

$smax\ s? < r?$

$s? \in \text{dom } smax$

$smax\ s? > 0$

$r? > 0$

*KeepMaxReading\_DNF\_2*

$smax : SENSOR \rightarrow \mathbb{Z}$

$s? : SENSOR$

$r? : \mathbb{Z}$

$s? \notin \text{dom } smax$

*KeepMaxReading\_DNF\_3*

$smax : SENSOR \rightarrow \mathbb{Z}$

$s? : SENSOR$

$r? : \mathbb{Z}$

$(smax\ s? < r?$

$s? \in \text{dom } smax) \vee s? \notin \text{dom } smax \vee (s? \in \text{dom } smax$

$r? \leq smax\ s?)$

$s? \in \text{dom } smax$

$r? \leq smax\ s?$

*KeepMaxReading\_SP\_14*

$smax : SENSOR \rightarrow \mathbb{Z}$

$s? : SENSOR$

$r? : \mathbb{Z}$

$(smax\ s? < r?$

$s? \in \text{dom } smax) \vee s? \notin \text{dom } smax \vee (s? \in \text{dom } smax$

$r? \leq smax\ s?)$

$s? \in \text{dom } smax$

$r? \leq smax\ s?$

$smax\ s? = 0$

$r? > 0$

*KeepMaxReading\_SP\_15*

$smax : SENSOR \rightarrow \mathbb{Z}$

$s? : SENSOR$

$r? : \mathbb{Z}$

$(smax\ s? < r?$

$s? \in \text{dom } smax) \vee s? \notin \text{dom } smax \vee (s? \in \text{dom } smax$

$r? \leq smax\ s?)$

$s? \in \text{dom } smax$

$r? \leq smax\ s?$

$smax\ s? > 0$

$r? > 0$