$\triangleright \{ \text{route}, \text{sensor} \}$
$\langle \text{route}, \text{swP}, \text{sw}, \text{sensor} \rangle$

$\uparrow \begin{smallmatrix} (\text{sensor} : \text{Sensor}) \\ (\text{sw}) \end{smallmatrix} [\_e2 : \text{monitoredBy}]$
$\langle \text{route}, \text{swP}, \text{sw}, \text{sensor} \rangle$

$\uparrow \begin{smallmatrix} (\text{sensor} : \text{Sensor}) \\ (\text{route}) \end{smallmatrix} [\_e4 : \text{gathers}]$
$\langle \text{route}, \text{sensor} \rangle$

$\uparrow \begin{smallmatrix} (\text{sw} : \text{Switch}) \\ (\text{swP}) \end{smallmatrix} [\_e1 : \text{target}]$
$\langle \text{route}, \text{swP}, \text{sw} \rangle$

$\uparrow \begin{smallmatrix} (\text{swP} : \text{SwitchPosition}) \\ (\text{route}) \end{smallmatrix} [\_e3 : \text{follows}]$
$\langle \text{route}, \text{swP} \rangle$

$\bigcirc_{(\text{route} : \text{Route})}$
$\langle \text{route} \rangle$

$\bigcirc_{(\text{route} : \text{Route})}$
$\langle \text{route} \rangle$