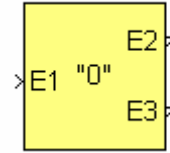


$$F_0 = \sum_{i=1}^M F_i - \sum_{j=M+1}^N F_j ; E_0 = \dots = E_N = \text{const.}$$

1 ≤ M inputs "F"  
0 ≤ N outputs "E"

form of standard appearance in library

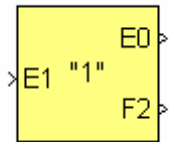


$$F_1 = \sum_{j=2}^N F_j ; E_1 = \dots = E_N = \text{const.}$$

2 ≤ N outputs "E"

transformation possibility

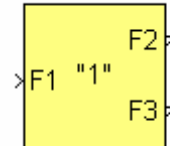
### 0 – node (Kirchhoffs law I, flow connection)



$$E_0 = \sum_{i=1}^M E_i - \sum_{j=M+1}^N E_j ; F_0 = \dots = F_N = \text{const.}$$

1 ≤ M inputs "E"  
0 ≤ N outputs "F"

form of standard appearance in library



$$E_1 = \sum_{j=2}^N E_j ; F_1 = \dots = F_N = \text{const.}$$

2 ≤ N outputs "F"

transformation possibility

### 1 – node (Kirchhoffs law II, effort connection)

## Forms of the node blocks appearance – BG V.2.0