

Incompatible flow directions

Abbreviation

Incompatible flow/direction

Description

This rule belongs to [SysML ValSuite](#) (passive validation). It checks the compatibility of [Flow Properties](#) direction and type, [Item Flow](#) direction, and Conveyed Item type that flows via the [Connector](#).

When flow type or/and direction is incompatible the messages are shown:

- Flow is not possible! No compatible flow properties provided.
- Flow is not possible! Flow properties not defined.
- Number of flow properties does not match!
- Port Flow is not possible! The Flow Properties are duplicated.

Severity

error

Context element

Flow Property

Solvers

To fix this error, do one of the following:

- According to error message, find error in you model and fix it manually.
- If Incompatible flow validation rule also show error, use it's solvers. [Learn more about this rule](#)
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Example

