5 Factors

to limit the pressure transmitters failures on your facilities

The failure of a measuring instrument can alter your process operation

How do you identify

the SIL safety and integrity level for your pressure transmitter?

Factor

N°1

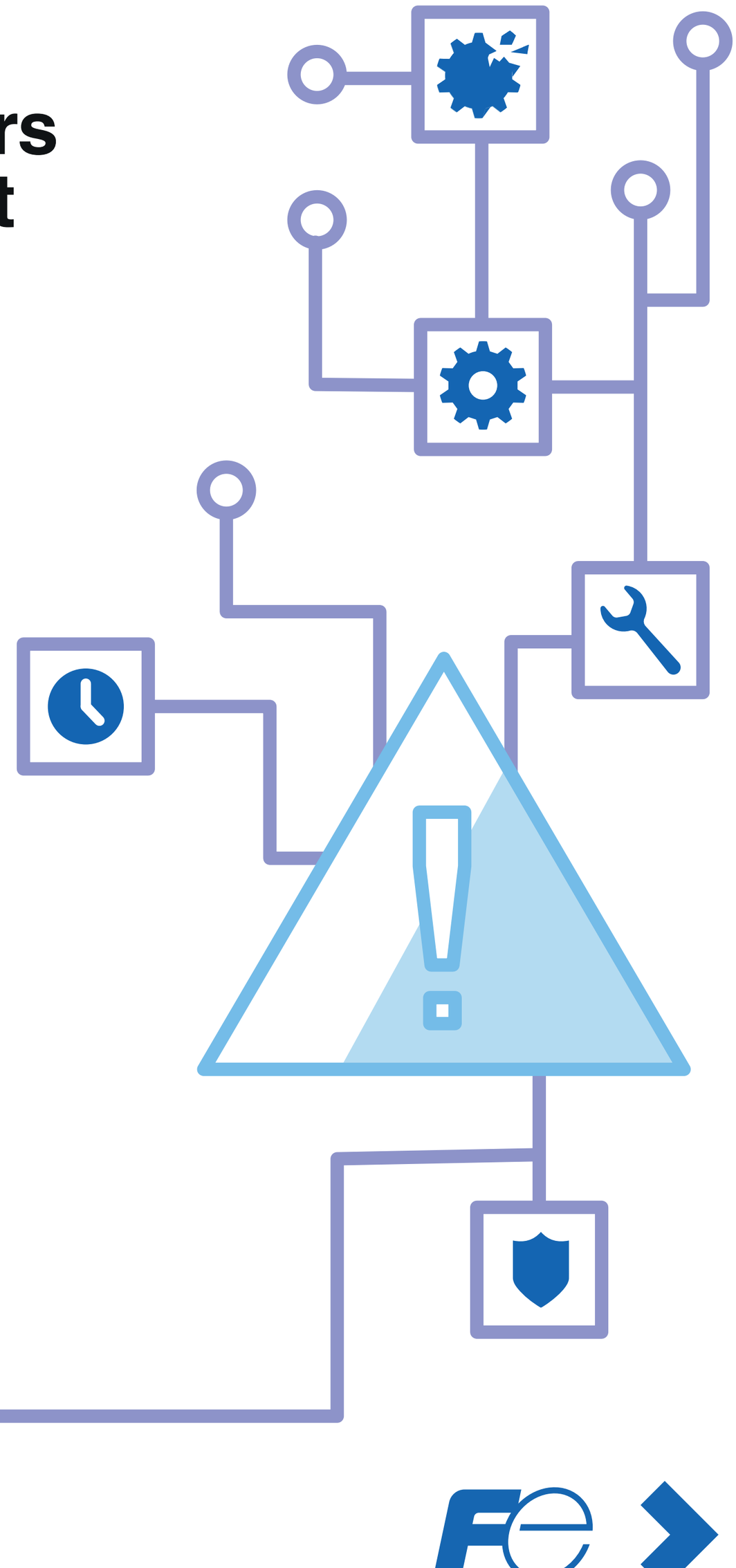
Defining the level of risk and hazard

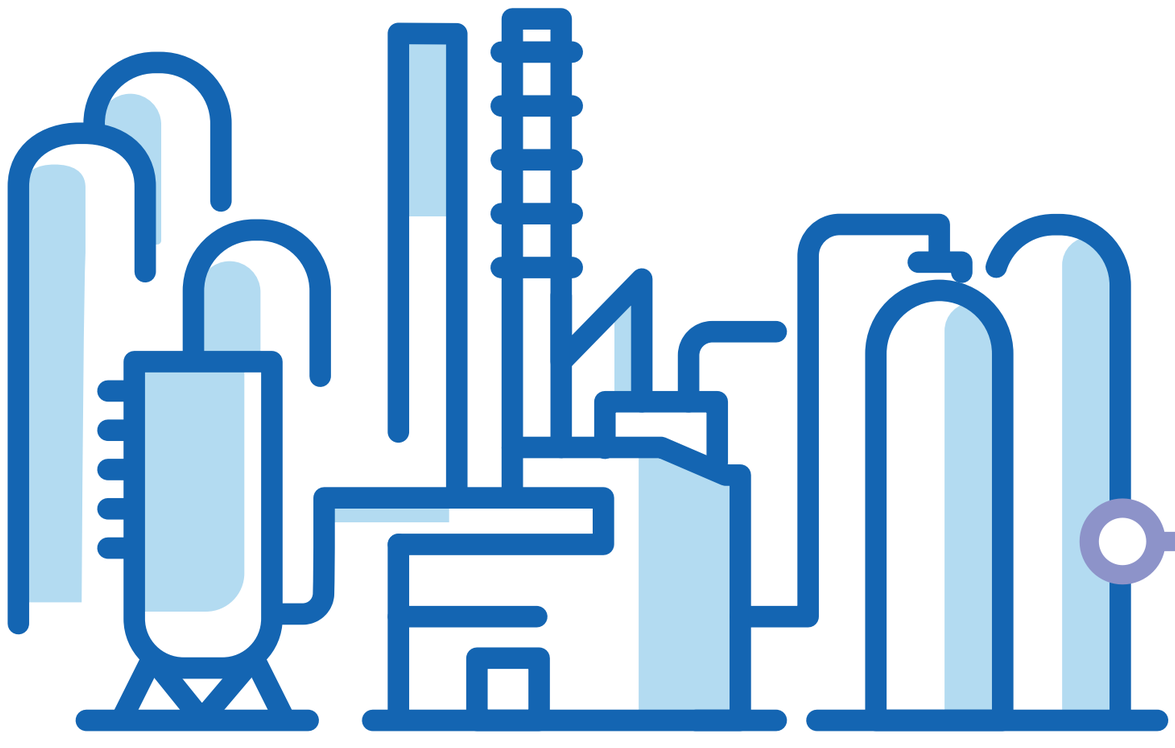
Consequence
of the risk on workers and the environment

Probability
of hazard occurence

Frequency
of the risk

Possibility
to avoid the danger

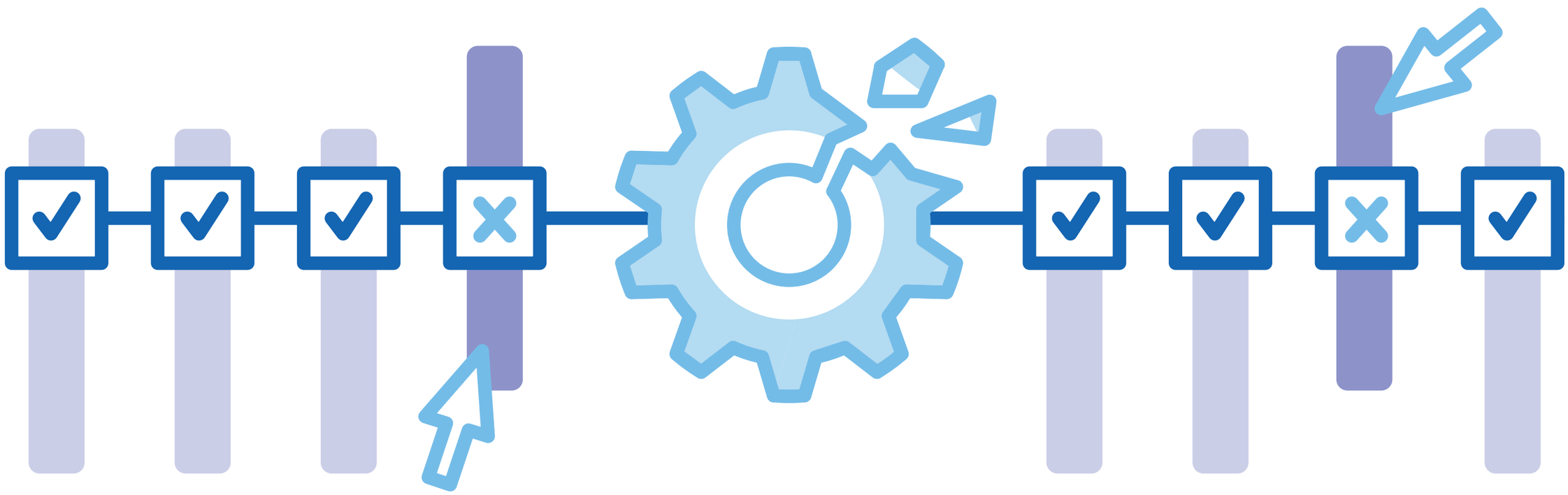




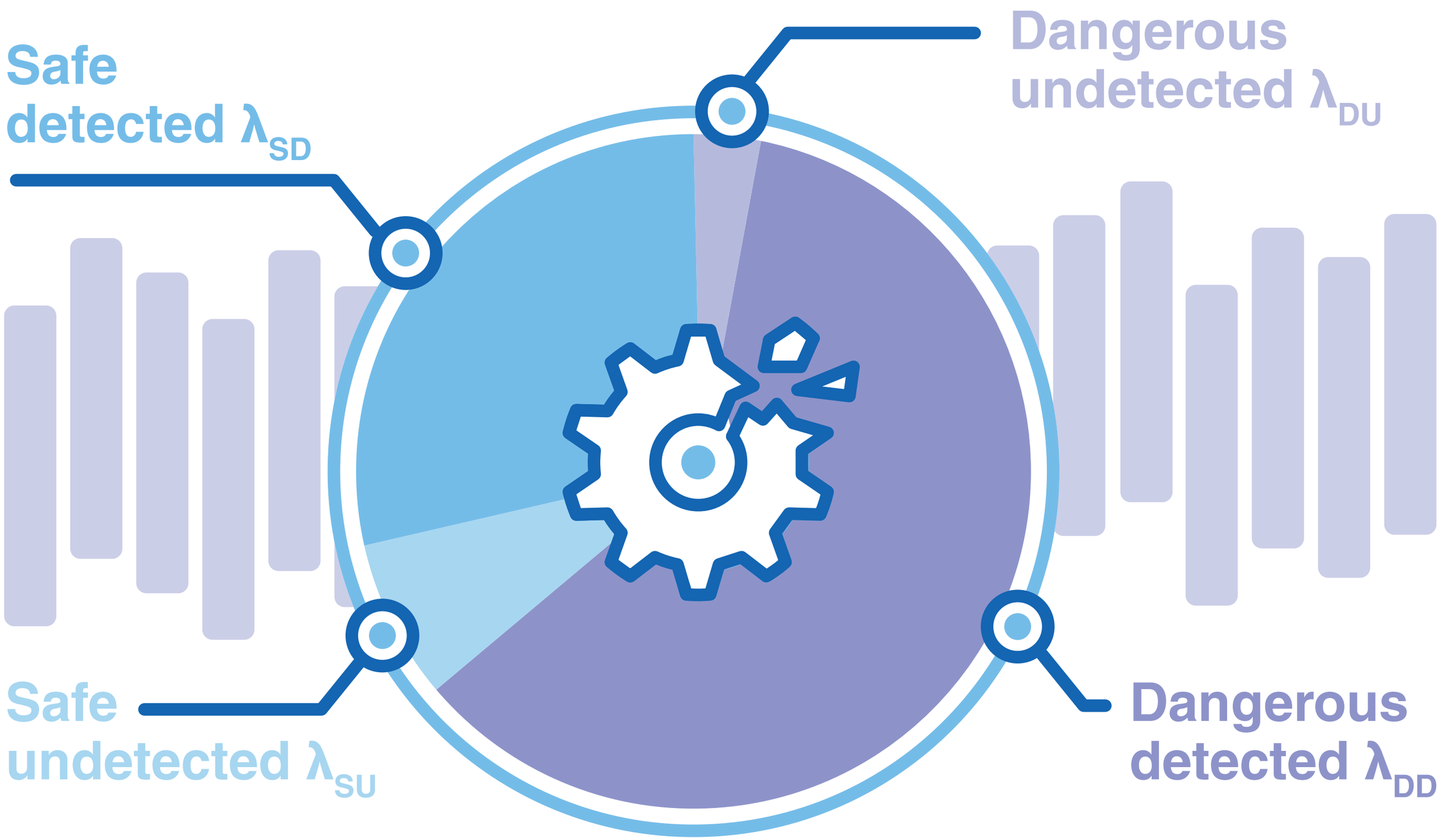
Factor

N°2

Selecting failure probabilities



The higher the **Safe Failure Fraction**, the lower the risk of a dangerous failure



Factor

N°3

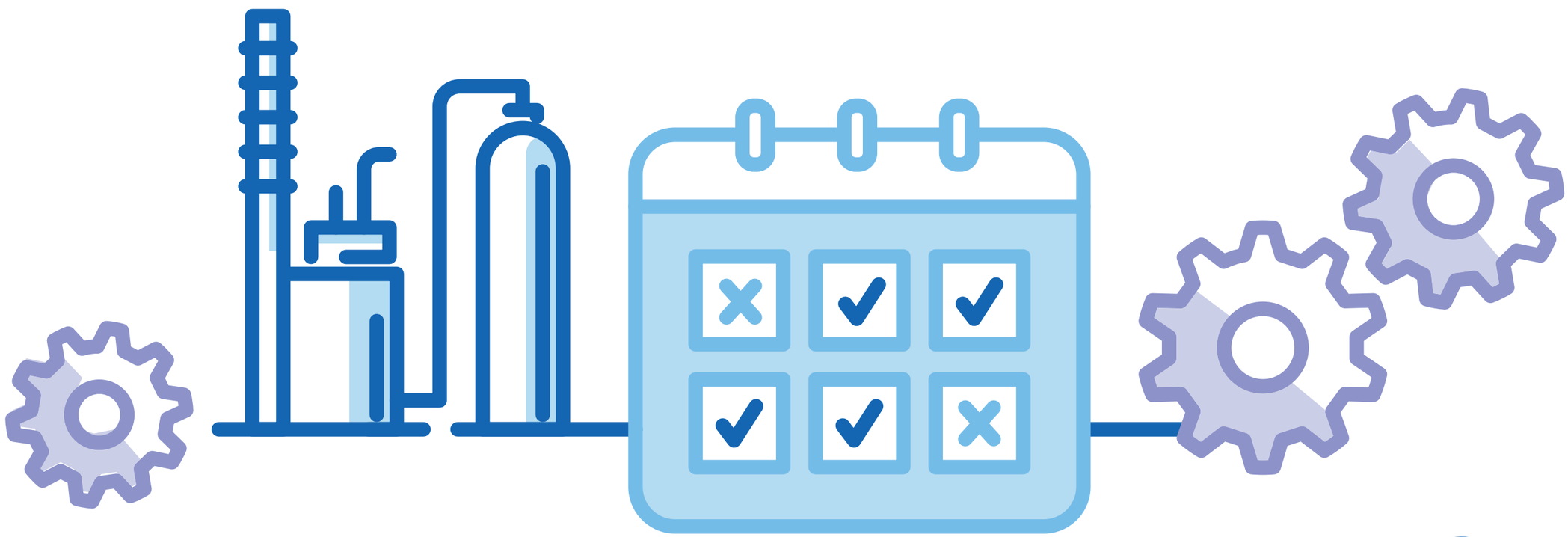
Assessing the safety loop

Target the hazard points of the installation

Factor

N°4

Planning and optimising process availability



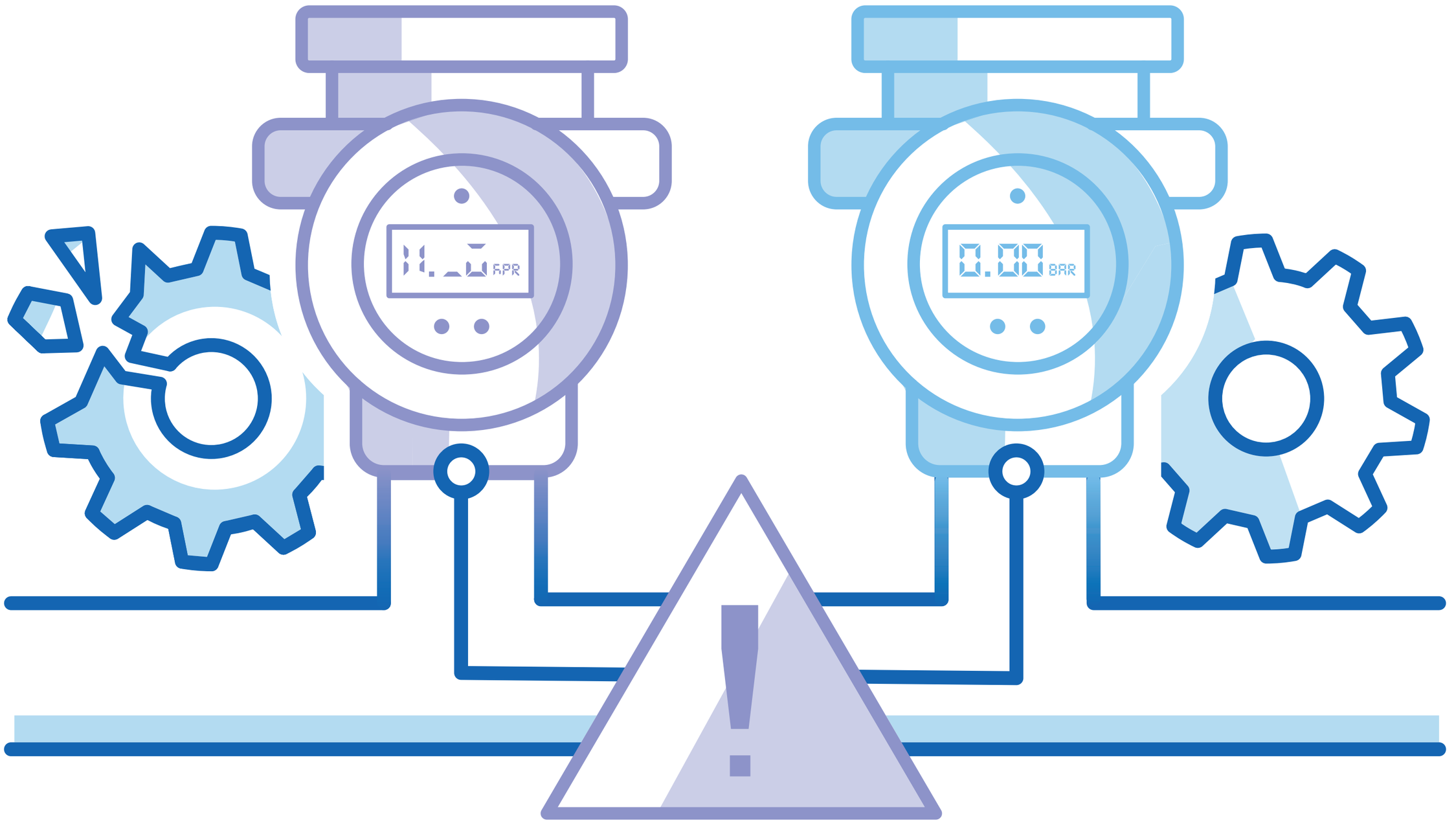
Anticipate the maintenance before parts deterioration

Factor

N°5

Consider equipment fault tolerance

Consider redundancy with a second transmitter



Guarantee

SIL safety and integrity level of your pressure transmitter

Choose Fuji Electric FCX pressure transmitter

High level of certification

Safety Integrity Level

SIL 2

IEC 61508 / IEC 61511

Safety Integrity Level

SIL 3

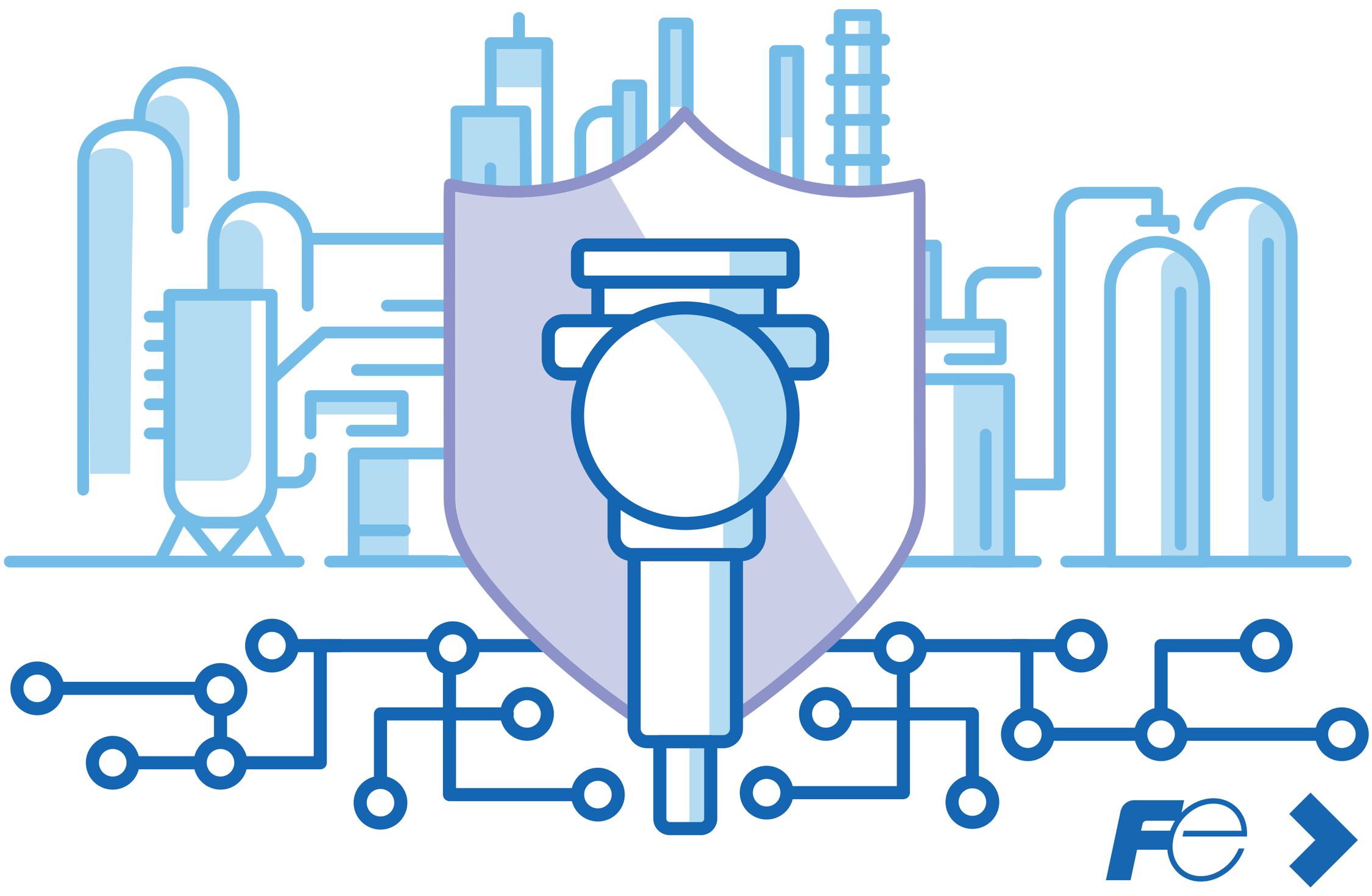
IEC 61508 / IEC 61511

Best safety rate on the market

Safe Failure Fraction

>97%

Designed to secure your instrumentation



Reduce

> your residual risks

Improve

> your SIL functional safety

Increase

> your process reliability

with Fuji Electric

Let's choose

the pressure transmitter for your safety requirements

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