

TÜV Industrie Service GmbH
TÜV Rheinland Group

Automation, Software, Informationstechnologie (ASI)

Dipl.-Ing. Wolfgang Velten-Philipp

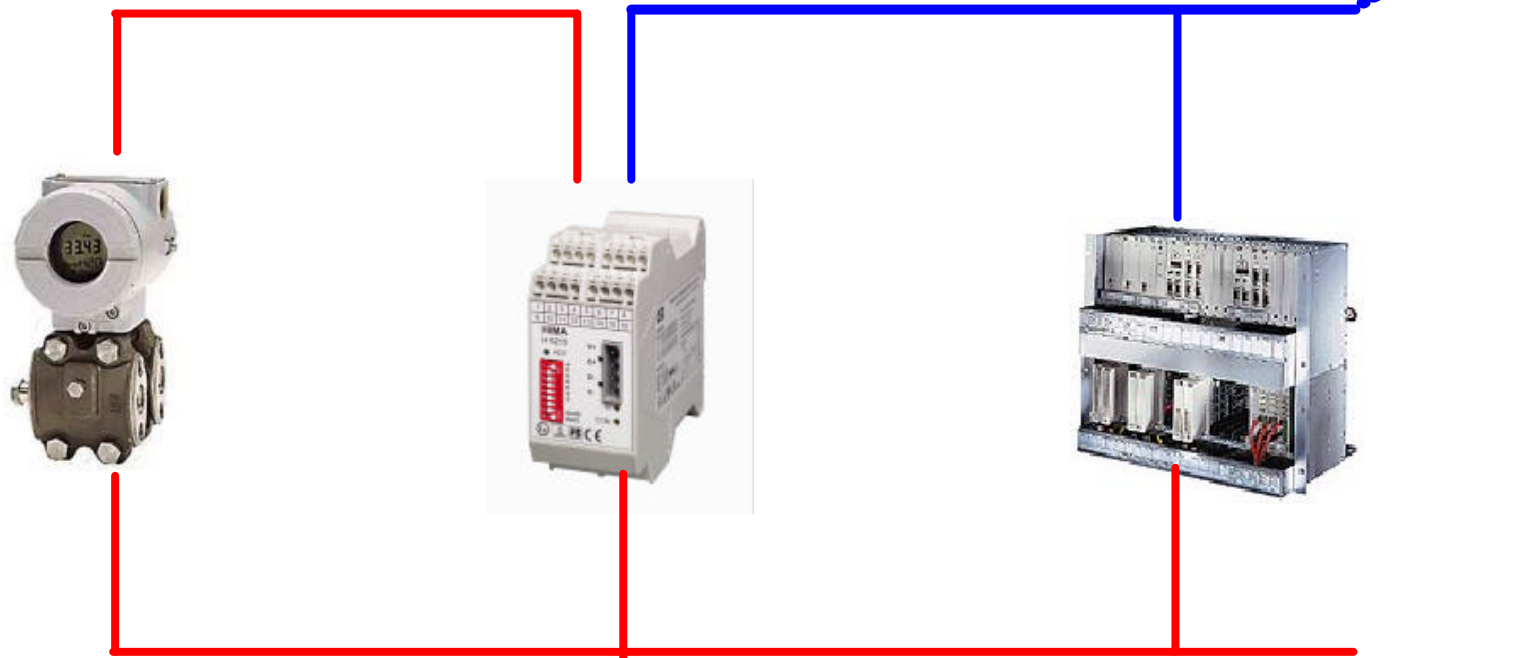
veltenw@de.tuv.com



Example – Filtering of write commands in HART applications

Non safety related HART communication filtered

Non safety related HART communication not filtered



Safety related 20mA signal

■ Safety Function

- **SIL 2 Filtering of write access HART commands.**
- **Up to SIL 3 disconnect of HART –Modem.**



■ Concept

