Faultname: Operator: Normal stop activated

Testname: OPERATOR: NORMAL STOP ACTUATED

# 4 : Test is present

Faultname: Operator: Incorrect operating mode selected

Testname: OPERATOR: WRONG OPERATING MODE SELECTED

# 5: Test is present

Faultname: Compressed air: Monitoring inlet pressure

Testname: COMPRESSED AIR: MONITORING INLET PRESSURE

# 6: Test is present

Faultname: Ethercat: Fault

Testname: ETHERCAT: FAULT + VARIABLE

# 7: Test is present

Faultname: Compressed air: Monitoring safe shutdown

Testname: COMPRESSED AIR: MONITORING SAFE SHUTDOWN

### 8: Test missing

Faultname: HMI: Fault communication to control

Testname: not found

## 11 : Test is present

Faultname: Motion drives: Overload power supply

Testname: MOTION DRIVES: OVERLOAD POWER SUPPLY

# 12: Test missing

Faultname: Motion controller: 0: No error code active

Testname: not found

# 13: Test missing

Faultname: Machine: Reference not set to zero

Testname: not found

#### 15: Test missing

Faultname: Control-PC: Used disk space exceeds 90%

Testname: not found

## 16: Test is present

Faultname: Machine: Handwheel is engaged Testname: HANDWHEEL IS ENGAGED

# 17: Test is present

Faultname: Operator: Operating mode change

Testname: OPERATOR: OPERATING MODE CHANGE

### 20: Test is present

Faultname: Batch control: Partial batch obtained

Testname: BATCH CONTROL: PARTIAL BATCH OBTAINED

### 21: Test is present

Faultname: Batch control: Complete batch obtained

Testname: BATCH CONTROL: COMPLETE BATCH OBTAINED

Faultname: Vacuum: Overload pump
Testname: VACUUM: OVERLOAD PUMP

23: Test is present

Faultname: Vacuum: Monitoring negative pressure

Testname: VACUUM: MONITORING NEGATIVE PRESSURE

26: Test is present

Faultname: Control cabinet: Com error safety plc

Testname: CONTROL CABINET: FAULT SAFETY PLC

28 : Test missing

Faultname: Control cabinet: Monitoring error safety plc

Testname: not found

30: Test is present

Faultname: Machine: Was raced backwards

Testname: MACHINE: WAS RACED BACKWARDS

34: Test missing

Faultname: Machine: Repair switch drives switched off

Testname: not found

35 : Test is present

Faultname: Control cabinet: Monitoring main switch

Testname: CONTROL CABINET: MONITORING MAIN SWITCH

41: Test not matching

Faultname: Control cabinet S2: Overtemperature

Testname: CONTROL CABINET LEFT: OVERTEMPERATURE

42: Test is present

Faultname: Control cabinet S1: Overtemperature

Testname: CONTROL CABINET RIGHT: OVERTEMPERATURE

43: Test is present

Faultname: Control cabinet: Voltage monitoring

Testname: CONTROL CABINET: VOLTAGE MONITORING

45: Test missing

Faultname: Control cabinet: UPS not ready

Testname: not found

77: Test missing

Faultname: Machine: Fault monitoring contactors dropped away

Testname: not found

79: Test is present

Faultname: Emergency stop activated: Line

Testname: LINE EMERGENCY STOP ACTUATED

81: Test is present

Faultname: Emergency stop activated: Operating panel

Testname: EMERGENCY STOP ACTUATED: OPERATING PANEL

Faultname: Guard basic machine: Safety circuit not active

Testname: GUARD BASIC MACHINE: SAFETY RELAY NOT ACTIVE

# 87: Test is present

Faultname: Guard open: Carton belt

Testname: GUARD OPEN: CARTON BELT

## 87: Test is present

Faultname: Guard open: Carton belt

Testname: GUARD 7 OPEN

# 89: Test is present

Faultname: Guard open: Discharge front

Testname: GUARD OPEN: DISCHARGE FRONT

## 90: Test is present

Faultname: Guard open: Control cabinet swiveled off left

Testname: GUARD OPEN: CONTROL CABINET SWIVELED OFF LEFT

### 91 : Test is present

Faultname: Guard open: Control cabinet swiveled off right

Testname: GUARD OPEN: CONTROL CABINET SWIVELED OFF RIGHT

# 96: Test is present

Faultname: Guard open: Handwheel
Testname: GUARD OPEN: HANDWHEEL

# 100: Test is present

Faultname: Guard open: product chain 1

Testname: GUARD OPEN: PRODUCT CHAIN 1

### 100: Test not matching

Faultname: Guard open: product chain 1

Testname: GUARD 3 OPEN

### 104: Test is present

Faultname: Guard open: Infeed
Testname: GUARD OPEN: INFEED

## 110: Test is present

Faultname: Product sensing: Consecutive fault exceed height

Testname: PRODUCT SENSING: CONSECUTIVE FAULT EXCESS HEIGHT

# 112 : Test is present

Faultname: Product sensing: Sensor monitoring

Testname: PRODUCT SENSING: SENSOR MONITORING

### 113: Test is present

Faultname: Product sensing: Sensor monitoring exceed height

Testname: PRODUCT SENSING: SENSOR MONITORING EXCESS HEIGHT

# 120: Test is present

Faultname: Insertion: Safety sensor

Testname: INSERTION: SAFETY SENSOR

Faultname: Insertion: Overload

Testname: INSERTION: OVERLOAD

# 124 : Test is present

Faultname: Guard open: Slide in Testname: GUARD OPEN: SLIDE IN

## 129: Test missing

Faultname: Insertion: Monitoring sensor safety sensor

Testname: not found

# 134: Test missing

Faultname: Guard open: Below slide in

Testname: not found

## 196: Test is present

Faultname: Motion drive main drive: Fault

Testname: MOTION DRIVE MAIN DRIVE: FAULT

### 198: Test not matching

Faultname: Motion drive main drive: 0 : No error code active Testname: MOTION DRIVE MAIN DRIVE + VARIABLE

# 200: Test is present

Faultname: Machine: Jam at discharge
Testname: MACHINE: JAM AT DISCHARGE

# 201: Test is present

Faultname: Downstream: Stop from Machine 1

Testname: DOWNSTREAM: STOP FROM MACHINE 1

### 203: Test is present

Faultname: Downstream: Stop from Machine 2

Testname: DOWNSTREAM: STOP FROM MACHINE 2

## 210: Test is present

Faultname: Guard open: Carton magazine

Testname: GUARD OPEN: CARTON MAGAZINE

## 210: Test not matching

Faultname: Guard open: Carton magazine

Testname: GUARD 6 OPEN

## 212: Test is present

Faultname: Guard open: Discharge top

Testname: GUARD OPEN: DISCHARGE TOP

# 212: Test not matching

Faultname: Guard open: Discharge top

Testname: GUARD 9 OPEN

# 213: Test is present

Faultname: Carton: Overload side flap folder

Testname: CARTON: OVERLOAD SIDE FLAP FOLDER

Faultname: Carton: Stock at the end

Testname: CARTON: STOCK AT THE END

# 221: Test is present

Faultname: Machine: Cover rail open

Testname: MACHINE: COVER RAIL OPEN

## 222: Test is present

Faultname: Carton: Consecutive fault crosscheck

Testname: CARTON: CONSECUTIVE FAULT CROSSCHECK

# 223: Test is present

Faultname: Carton: Pickup check
Testname: CARTON: PICKUP CHECK

### 224: Test is present

Faultname: Carton belt: Overload

Testname: CARTON BELT: OVERLOAD

### 225 : Test is present

Faultname: Carton: Consecutive fault code reader

Testname: CARTON: CONSECUTIVE FAULT CODE READER

# 226: Test is present

Faultname: Carton:\Fault code reader

Testname: CARTON: FAULT CODE READER

# 227 : Test is present

Faultname: Carton: Sensor monitoring crosscheck

Testname: CARTON: SENSOR MONITORING CROSSCHECK

## 230: Test is present

Faultname: Glue unit: Operating temperature not reached

Testname: GLUE UNIT: OPERATING TEMPERATURE NOT REACHED

#### 231 : Test is present

Faultname: Glue unit: Device not ready

Testname: GLUE UNIT: DEVICE NOT READY

## 232: Test is present

Faultname: Glue unit: Glue level is too low

Testname: GLUE UNIT: GLUE LEVEL IS TOO LOW

## 233: Test missing

Faultname: Glue station 1: Consecutive fault carton sensing

Testname: not found

# 235: Test is present

Faultname: Glue station 1: Sensor monitoring carton sensing

Testname: GLUE STATION 1: SENSOR MONITORING CARTON SENSING

### 237 : Test missing

Faultname: Carton: Sensor monitoring pickup check

Testname: not found

Faultname: Carton ejection 1: Overfill collecting container

Testname: CARTON REJECT 1: BIN OVERFILL

# 251: Test is present

Faultname: Carton ejection 1: Cross check

Testname: CARTON REJECT 1: CROSS CHECK

## 254: Test is present

Faultname: Carton ejection 1: Sensor monitoring cross check

Testname: CARTON REJECT 1: SENSOR MONITORING CROSS CHECK

# 272: Test is present

Faultname: Carton: Open flap: Sensor monitoring side flap rear

Testname: CARTON: OPEN FLAP: SENSOR MONITORING SIDE FLAP REAR

## 273: Test is present

Faultname: Carton: Open flap: Sensor monitoring side flap front

Testname: CARTON: OPEN FLAP: SENSOR MONITORING SIDE FLAP FRONT

## 294: Test is present

Faultname: Carton: Open flap: Consecutive fault side flap

Testname: CARTON: OPEN FLAP: CONSECUTIVE FAULT SIDE FLAP

# 299: Test missing

Faultname: Parameter fault Cam start > Carton: Open flap: Sign in register < later than Cam start > Carton: Eje

Testname: not found

# 301: Test is present

Faultname: Leaflet: Consecutive fault cross check in product chain Testname: LEAFLET: CROSS CHECK IN PRODUCT CHAIN

### 302 : Test is present

Faultname: Leaflet: Cross check ejection

Testname: LEAFLET: CROSS CHECK REJECT

### 304 : Test is present

Faultname: Leaflet: Consecutive fault cross check in unit

Testname: LEAFLET: CONSECUTIVE FAULT CROSS CHECK IN UNIT

## 311: Test is present

Faultname: Guard open: Leaflet unit top

Testname: GUARD OPEN: LEAFLET UNIT TOP

# 312 : Test is present

Faultname: Guard open: Leaflet unit rear

Testname: GUARD OPEN: LEAFLET UNIT REAR

# 321 : Test is present

Faultname: Leaflet: Consecutive fault code reader rear

Testname: LEAFLET: CONSECUTIVE FAULT CODE READER REAR

## 322: Test is present

Faultname: Leaflet: Consecutive fault cross check in carton

Testname: LEAFLET: CONSECUTIVE FAULT CROSS CHECK IN CARTON

Faultname: Leaflet: Fault code reader rear

Testname: LEAFLET: FAULT CODE READER REAR

# 325 : Test is present

Faultname: Leaflet: Sensor monitoring cross check in carton

Testname: LEAFLET: SENSOR MONITORING CROSS CHECK IN CARTON

# 326: Test is present

Faultname: Leaflet: Sensor monitoring cross check in product chain

Testname: LEAFLET: SENSOR MONITORING CROSS CHECK IN UNIT

# 327: Test is present

Faultname: Leaflet: Sensor monitoring cross check in unit

Testname: LEAFLET: SENSOR MONITORING CROSS CHECK IN PRODUCT CHAIN

# 347: Test is present

Faultname: Leaflet: Sensor monitoring code reader rear

Testname: LEAFLET: SENSOR MONITORING CODE READER REAR

# 380: Test not matching

Faultname: Motion drive leaflet unit: 0 : No error code active Testname: MOTION DRIVE LEAFLET UNIT + VARIABLE

# 382: Test is present

Faultname: Motion drive leaflet unit: Fault

Testname: MOTION DRIVE LEAFLET UNIT: FAULT

# 404 : Test missing

Faultname: Robot: Motion drive: Overload power supply

Testname: not found

### 412 : Test is present

Faultname: Robot: Emergency stop front activated Testname: ROBOT: EMERGENCY STOP ACTUATED

### 412: Test not matching

Faultname: Robot: Emergency stop front activated Testname: TLT: EMERGENCY STOP ACTUATED

# 414: Test missing

Faultname: Robot: Guard open: Product chain

Testname: not found

## 417: Test not matching

Faultname: Robot: Guard open: Turn around product chain

Testname: VIAL INFEED: GUARD OPEN

# 421: Test is present

Faultname: Robot: Guard open: Front left

Testname: ROBOT: GUARD OPEN: FRONT LEFT

# 422 : Test is present

Faultname: Robot: Guard open: Front right

Testname: ROBOT: GUARD OPEN: FRONT RIGHT

436: Test missing

Faultname: Robot: Guard open: Cycle belt

Testname: not found

455: Test missing

Faultname: Robot: Collision range

Testname: not found

457: Test not matching

Faultname: Robot: Monitoring compressed air

Testname: ROBOT: VACUUM: FAULT

477 : Test missing

Faultname: Robot: Control cabinet: Overtemperature

Testname: not found

478: Test missing

Faultname: Robot: Motion control: Fault

Testname: not found

480: Test missing

Faultname: Robot: Motion drive axis A: Fault

Testname: not found

481 : Test missing

Faultname: Robot: Motion drive axis B: Fault

Testname: not found

482 : Test missing

Faultname: Robot: Motion drive axis C: Fault

Testname: not found

483: Test missing

Faultname: Robot: Motion drive rotary axis: Fault

Testname: not found

486: Test missing

Faultname: Robot: Motion drive axis A: 0 : No error code active

Testname: not found

487: Test missing

Faultname: Robot: Motion drive axis B: 0: No error code active

Testname: not found

488: Test missing

Faultname: Robot: Motion drive axis C: 0: No error code active

Testname: not found

489 : Test missing

Faultname: Robot: Motion drive rotaty axis: 0 : No error code active

Testname: not found

494: Test missing

Faultname: Robot: Motion drive infeed belt: Fault

Testname: not found

## 495: Test missing

Faultname: Robot: Motion drive infeed belt: 0 : No error code active

Testname: not found

# 512: Test is present

Faultname: Infeed: Emergency stop front activated Testname: INFEED: EMERGENCY STOP ACTUATED

## 517: Test is present

Faultname: Infeed: Guard open Testname: INFEED: GUARD OPEN

# 530: Test is present

Faultname: Infeed: Belt 1: Overload

Testname: INFEED: BELT 1: OVERLOAD

## 541: Test is present

Faultname: Infeed: Belt 1: Fault Testname: INFEED: BELT 1: FAULT

### 551: Test is present

Faultname: Infeed: Belt 1: Product jam

Testname: INFEED: BELT 1: PRODUCT JAM (INHALER)

# 850: Test missing

Faultname: Leaflet: No error code active

Testname: not found

# 851: Test missing

Faultname: Leaflet: Turret: No error code active

Testname: not found

### 852: Test missing

Faultname: Leaflet: OPC-UA Timeout communication

Testname: not found

#### 853: Test missing

Faultname: Leaflet: Turret: OPC-UA Timeout communication

Testname: not found

### 1212 : Test missing

Faultname: Guard open: Collecting container 1

Testname: not found

#### 1213: Test missing

Faultname: Carton ejection 1: Overfill guard collecting container

Testname: not found

## 1219: Test missing

Faultname: Carton belt: Upper position not reached

Testname: not found

### 1220 : Test missing

Faultname: Carton belt: Monitoring check valve 1V3

Testname: not found

1221: Test missing

Faultname: Carton belt: Monitoring check valve 1V4

Testname: not found

1246: Test is present

Faultname: Carton: Sensor monitoring check code

Testname: CARTON: SENSOR MONITORING CHECK CODE

1248: Test missing

Faultname: Carton: Open flap: Sensor monitoring fourth flap

Testname: not found

1249 : Test missing

Faultname: Carton: Open flap: Consecutive fault fourth flap

Testname: not found

1416 : Test missing

Faultname: Robot: Emergency stop rear activated

Testname: not found

1417: Test missing

Faultname: Robot: Guard open: Rear left

Testname: not found

1419 : Test missing

Faultname: Robot: Range limit reached

Testname: not found

1433 : Test missing

Faultname: Robot: Vacuum monitor: Suction cup 1

Testname: not found

1434 : Test missing

Faultname: Robot: Vacuum monitor: Suction cup 2

Testname: not found

1435: Test missing

Faultname: Robot: Vacuum monitor: Suction cup 3

Testname: not found

1513: Test missing

Faultname: Infeed: Remove product before reference/synchron run

Testname: not found

1530: Test missing

Faultname: Infeed: Belt 1: Product reject (Inhaler): Bin overfill

Testname: not found

1531: Test missing

Faultname: Infeed: Belt 1: Product reject (Inhaler): Cross check

Testname: not found

1543: Test is present

Faultname: Infeed: Control cabinet: Voltage monitoring Testname: INFEED: CABINET VOLTAGE MONITORING

Faultname: Infeed: Overhead conveyor not in lower position

Testname: INFEED: OVERHEAD CONVEYOR NOT IN LOWER POSITION

# 2005: Test is present

Faultname: Carton reject 1: Cross check carton rejected

Testname: CARTON REJECT 1: CROSS CHECK CARTON REJECTED

# 2006: Test is present

Faultname: Carton reject 1: Sensor monitoring Cross check carton rejected

Testname: CARTON REJECT 1: SENSOR MONITORING CROSS CHECK CARTON REJECTED

# 2007: Test is present

Faultname: Infeed: Consecutive fault check position inhaler

Testname: INFEED: CONSECUTIVE FAULT CHECK POSITION INHALER

## 2008: Test is present

Faultname: Infeed: Check position inhaler: Device not ready

Testname: INFEED: CHECK POSITION INHALER: DEVICE NOT READY

# 2009: Test is present

Faultname: Infeed: Check position inhaler: Sensor monitoring

Testname: INFEED: CHECK POSITION INHALER: SENSOR MONITORING

# 2014: Test missing

Faultname: Infeed: Motion drives overhead conveyor: Fault

Testname: not found

## 2015: Test missing

Faultname: Infeed: Motion drives overhead conveyor: 0: No error code active

Testname: not found

### 2016: Test is present

Faultname: Infeed: Cross check eject belt 1 (Inhaler): Sensor monitoring

Testname: INFEED: CROSS CHECK EJECT BELT 1 (INHALER): SENSOR MONITORING

### 2018: Test missing

Faultname: Infeed: Sensing product (Inhaler): Sensor monitoring

Testname: not found

## 2024: Test missing

Faultname: Infeed: Overhead conveyor not in upper position

Testname: not found

# 2025: Test not matching

Faultname: Infeed: Overhead conveyor: Monitoring check valve 1V21

Testname: GRASP-IN PROTECTION INFEED 1 (67B16)