# QMS - Sensors          - Production and Quality Control -
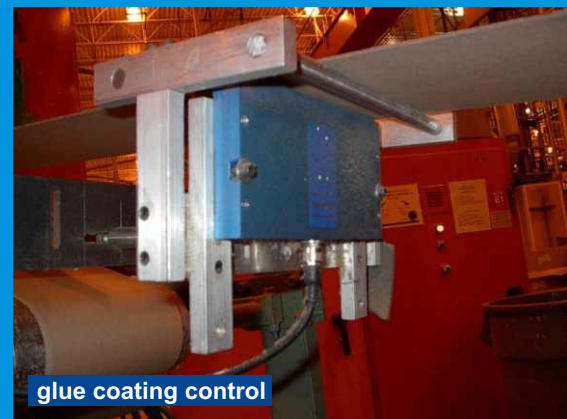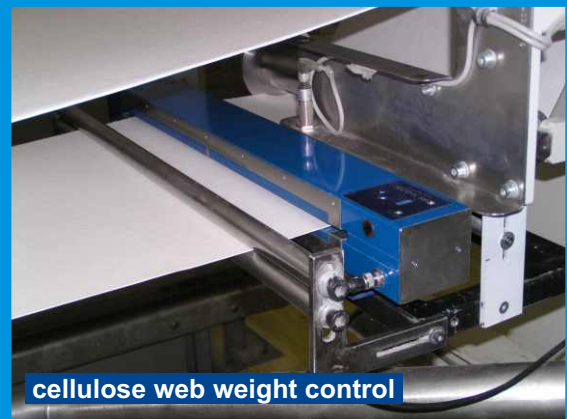
**Applications :**
- SAP flow control
- granulate, powder control
- cellulose web weight control
- adhesive tape control
- frontal tape detection
- water glue coating control
- hot melt coating control
- splice and overlap detection
- packaged object detection

**Advantages :**
- versions for products, objects and endless materials
- adjustment for products and objects only needed once if at all
- very fast, 1000 meas./sec standard
- not sensitive to colour, contrast, light, transparency, pollution
- 24VDC power supply
- 24V switching or 0...10V output



SAP flow control



cellulose web weight control



frontal tape control



glue coating control

# HOSSBACH

HMC

# QMS Sensor Versions

**single sided sensor**
foil detection
fleece detection
glue control
defect detection
overlap detection
shape control

Dimension : 60 x 20 x 100 mm

**QMS 70**

| sensor version | | order no. |
|---|---|---|
| QMS 70 | for interval measurement with switching output, pnp | QMS70-INT-PNP |
| QMS 70 | for interval measurement with analog output 0...10V | QMS70-INT-ANA |
| QMS 70 | for permanent measurement with analog output 0...10V | QMS70-PERM-ANA |
| sensor including 5m connection cable | | CE |

**single sided sensor**
foil detection
object detection
glue control
defect detection

Dimension : 200 x 20 x 100 mm

**QMS 70 - 180**

| sensor version | | order no. |
|---|---|---|
| QMS 70-180 | for interval measurement with switching output, pnp | QMS70-180-INT-PNP |
| QMS 70-180 | for interval measurement with analog output 0...10V | QMS70-180-INT-ANA |
| QMS 70-180 | for permanent measurement with analog output 0...10V | QMS70-180-PERM-ANA |
| sensor including 5m connection cable | | CE |

**U-shaped  sensor**
adhesive tape detection
foil detection
material control
fleece detection
defect detection

Dimension : 173 x 50 x 80 mm
gap height : 10mm / 8mm

**QMS 70U - 170**

| sensor version | | order no. |
|---|---|---|
| QMS 70U-170 | for interval measurement with switching output, pnp | QMS70U-170-INT-PNP |
| QMS 70U-170 | for interval measurement with analog output 0...10V | QMS70U-170-INT-ANA |
| QMS 70U-170 | for permanent measurement with analog output 0...10V | QMS70U-170-PERM-ANA |
| sensor including 5m connection cable | | CE |

**single sided, round  sensor**
non-woven web control
textile web control

Dimension :  ⌀ 120 x 60 mm

**QMS 70 - 120R**

| sensor version | | order no. |
|---|---|---|
| QMS 70-120R | for interval measurement with analog output 0...10V | QMS70-120R-INT-ANA |
| QMS 70-120R | for permanent measurement with analog output 0...10V | QMS70-120R-PERM-ANA |
| sensor including 5m connection cable | | CE |

**single sided sensor**
granulate flow control
SAP flow control
powder flow control

Dimension : 160 x 90 x 100 mm

**QMS 70 - SAP**

| sensor version | | order no. |
|---|---|---|
| QMS 70-SAP | for permanent measurement with analog output 0...10V | QMS70-SAP-PERM-ANA |
| sensor including 5m connection cable | | CE |

**O-shaped sensor**
total product control
diaper control
feminine napkin control
sensor of the HMC Profiler system

Dimension : 540 x 80 x 80 mm
gap height : 20mm

**QMS 70 - O - 540**

| sensor version | | order no. |
|---|---|---|
| QMS 70-O-540 | for interval measurement with analog output 0...10V | QMS70-O-540-INT-ANA |
| sensor including 5m connection cable | | CE |

**O-shaped  sensor**
non-woven web control
cellulose web control
textile web control

Dimension : 725 x 60 x 80 mm
gap height : 8 mm

**QMS 70 - O - 725**

| sensor version | | order no. |
|---|---|---|
| QMS 70-O-745 | for permanent measurement with analog output 0...10V | QMS70-O-725-PERM-ANA |
| sensor including 5m connection cable | | CE |