



# NO. 1 SUPPLIER OF SMART HINGES



CONNECTING  
PEOPLE  
TO A SMARTER  
TOMORROW

PRECISION  
IN MOTION  
FOR A SMARTER  
WORLD



# PIONEER OF SMART HINGE TECHNOLOGY

OBE has successfully transferred its expertise from the traditional eyewear market to the emerging data glasses market and offers both standardised solutions and customised options to meet the specific requirements of this developing industry.

ONE PLATFORM. MANY POSSIBILITIES.  
FUNCTION | COMFORT | INTEGRATION



## FEATURES



### INNOVATION

Patented and future-oriented designs  
Continuous development for next generation eyewear  
Customised solutions for specific customer requirements



### DESIGN

Neutral, universal design  
Suitable for various eyewear styles  
Compact and elegant form factors  
Scalable to different sizes



### COMFORT

Spring and non-flex solutions  
Optimal fit – even for heavy frames  
Smooth and controlled movement  
Minimised play for a premium wearing experience



### CABLE INTEGRATION

Reliable cable feedthrough solutions for data and power cables  
Protection against cable stress and tangling  
Different cable widths and configurations  
Seamless integration into the hinge



### FUNCTION

Stable, precise and durable  
Up to 50,000 movements  
Low maintenance – no regular retightening  
Exchangeable components where possible



### MATERIALS & COMPLIANCE

Medical-grade stainless steel  
Nickel-free materials for sensitive users  
Corrosion-resistant and long-lasting  
All products RoHS compliant



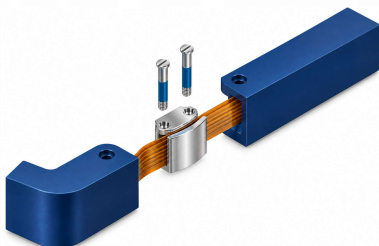
### APPLICATIONS

Smart glasses, AR/VR and data glasses  
Standard eyewear and premium frames  
Suitable for acetate, metal and injected frames  
Ready for next generation wearable devices

## CABLE FEEDTHROUGH SOLUTIONS

RELIABLE, COMPACT, AND READY FOR THE NEXT GENERATION.

### SMARTLINK COMPACT CABLE HINGE



SMALL SIZE. BIG POSSIBILITIES.

### FLOWLINK INTEGRATED CABLE ROUTING



SEAMLESS INTEGRATION.

### SMARTFLEX NEXT GENERATION SPRING HINGE



FLEXIBILITY FOR THE FUTURE.

# SMART HINGES – SUCCESSFUL APPLICATIONS

DIFFERENT SOLUTIONS FOR DIFFERENT SMART EYEWEAR REQUIREMENTS

ENABLING  
THE NEXT  
GENERATION  
OF EYEWEAR

## GAPPY

USABILITY FOR SMART FUNCTIONS



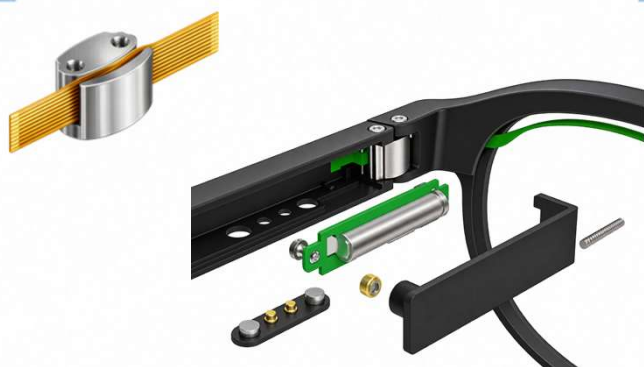
## INFLEX

STABILITY & REPLACEABILITY



## SMARTLINK

PERFECT CABLE ALLOCATION



## FLOWLINK

UNIVERSAL DESIGN & 3 STANDARD SIZES



## TECHNICAL OVERVIEW

KEY FEATURES AT A GLANCE

| Feature                      | Inflex          | Gappy         | Flowlink 3 mm   | Flowlink 6 mm   | Flowlink 7.2 mm | Smartlink       | Smartflex |
|------------------------------|-----------------|---------------|-----------------|-----------------|-----------------|-----------------|-----------|
| FUNCTIONAL FEATURES          |                 |               |                 |                 |                 |                 |           |
| Spring Function              | ✓               | X             | X               | X               | X               | X               | ✓         |
| Cable Routing                | X               | X             | ✓               | ✓               | ✓               | ✓               | ✓         |
| Detachable                   | ✓               | ✓             | ✓               | ✓               | ✓               | ✓               | ✓         |
| MECHANICAL PROPERTIES        |                 |               |                 |                 |                 |                 |           |
| Material                     | Stainless Steel | Nickel Silver | Stainless Steel | Stainless Steel | Stainless Steel | Stainless Steel | Titanium  |
| Weight (g)                   | 1,78            | 2,55          | 0,84            | 1,51            | 2,39            | 4,2             | 4,9       |
| Durability (Cycles)          | 50.000          | 50.000        | 25.000          | 25.000          | 25.000          | 25.000          | 50.000    |
| Cable covered                | X               | X             | ✓               | ✓               | ✓               | ✓               | Partially |
| CABLE INTEGRATION            |                 |               |                 |                 |                 |                 |           |
| Maximum Cable Width (mm)     | X               | X             | 2               | 2               | 3               | 4,4             | 4,4       |
| Maximum Cable Thickness (mm) | X               | X             | 0,45            | 0,79            | 2               | 0,8             | 0,8       |

# OBE HEADQUARTER

PRECISION CREATES POSSIBILITIES



## FACTS ABOUT OBE



Founded 1904



> 520 employees worldwide



Key supplier in eyewear



4 facilities worldwide



ISO 9001:2015  
DIN EN ISO 14001 and EMAS



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