

ULO 50

Pneumatic retractable locating pin unit, double rod, Ø50 mm with hand lever

Pneumatic retractable pin unit with double rod and hand lever, typically used in welding applications to locate metal sheets in a definite position.

- Metal rod scraper
- Double guide to avoid backlash
- Compact dimensions
- Electronic or pneumatic sensor
- Many rod end styles available
- Ergonomic hand lever
- Rod orientation adjustable by the user



CHARACTERISTICS

Operating temperature	5° ÷ 45° C
Min./Max. operating pressure	0,4 / 0,6 MPa
Bore Ø	50 mm
Max. Torque (20 Nm)	± 0,1 mm
Max. Deflection (20 Nm)	± 0,03 mm
Weight	5,0 Kg
Pneumatic supply ports	G 1/4 on both sides
Sensor	electronic (optical)
Supply voltage	10 ÷ 30 Vdc
IP code	IP 65

CODIFICATION KEY

UL | O | 50 | 040 | A | K | 0 |

1 2 3 4 5 6 7



OPTICAL SENSOR



LIGHTWEIGHT



COMPACT



METAL SCRAPER



DOUBLE GUIDE

1

SERIES

UL = UNICLAMP locating pin unit

2

VERSION

O = Pneumatic, double orientable rod with hand lever

3

SIZE

050 = Ø50 mm

4

STROKE

015 = 20 mm
025 = 25 mm
040 = 40 mm
050 = 50 mm
060 = 60 mm

5

ROD END STYLE

A = Rod for offset pins (2 screws, 1 dowel)

6

SENSOR

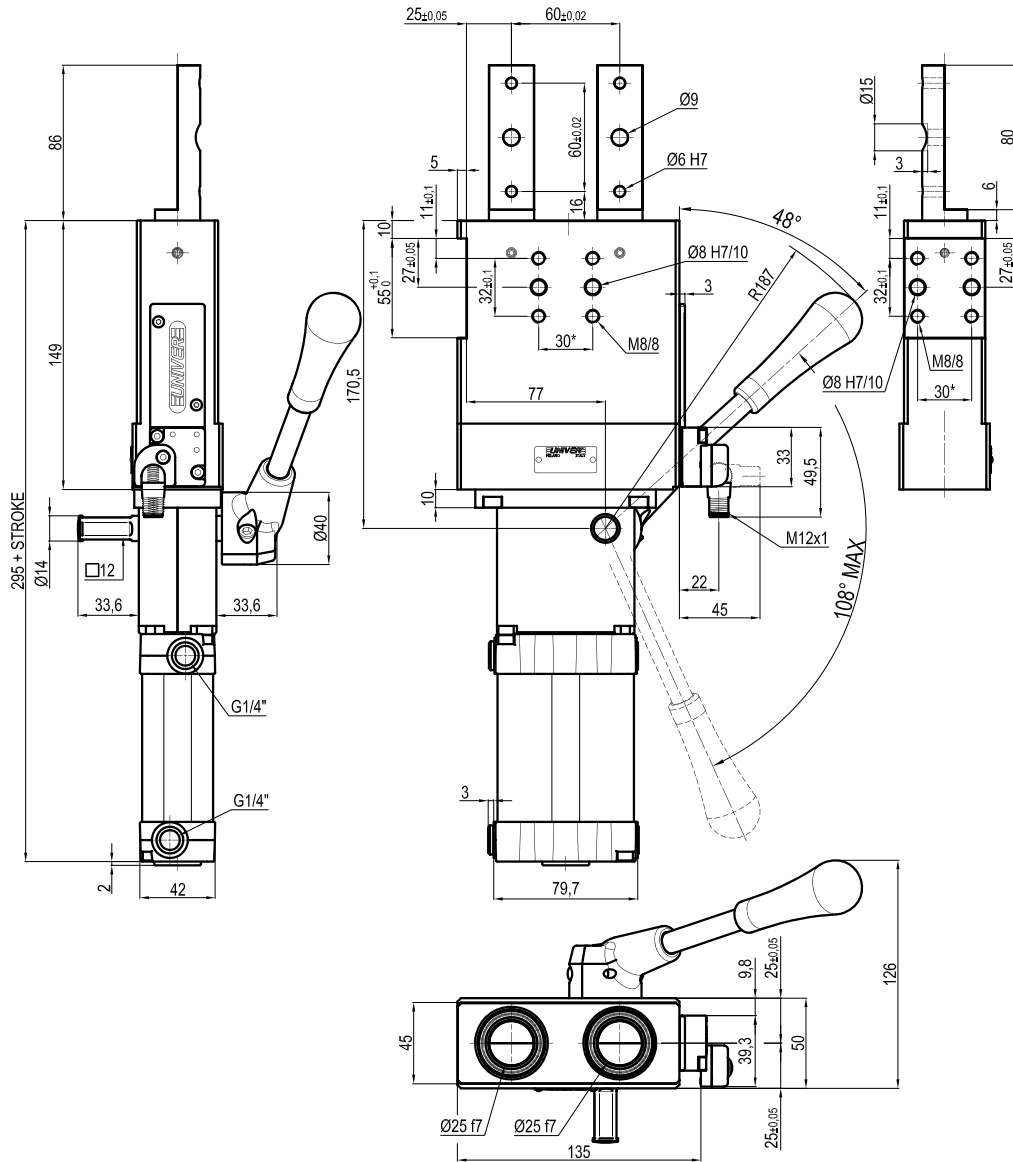
N = No sensor (with protection plate)
K = Electronic sensor PNP, M12 (DF-K)
D = Pneumatic sensor (DF-UPNW)
J = Electronic sensor NPN, optical (DF-J)
Y = Electronic sensor PNP, M12 (DF-Y) white LED

7

PRODUCT REVISION

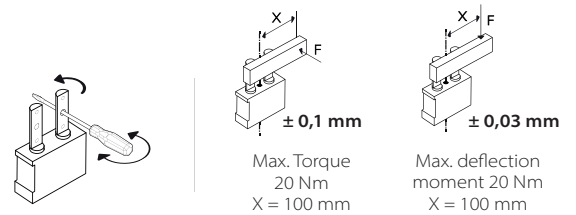
Assigned by UNIVER

A Rod for offset pins



3

*TOLERANCE BETWEEN DOWELS ± 0,02 BETWEEN SCREW HOLES ± 0,1



Sensors



Electronic (optical)

- DF-K PNP M12
- DF-J NPN M12
- DF-Y PNP M12 White LED



Pneumatic

DF-UPNW

Accessories



Handlever

UBF255063