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**

OPTICAL SENSOR

LIGHTWEIGHT

COMPACT

METAL SCRAPER

DOUBLE GUIDE

CODIFICATION KEY

UL	O	50	**040**	A	**K**	0
1	2	3	4	5	6	7

1 SERIES
UL = UNICLAMP locating pin unit

2 VERSION
O = Pneumatic, double orientable rod with hand lever

3 SIZE
050 = Ø50 mm

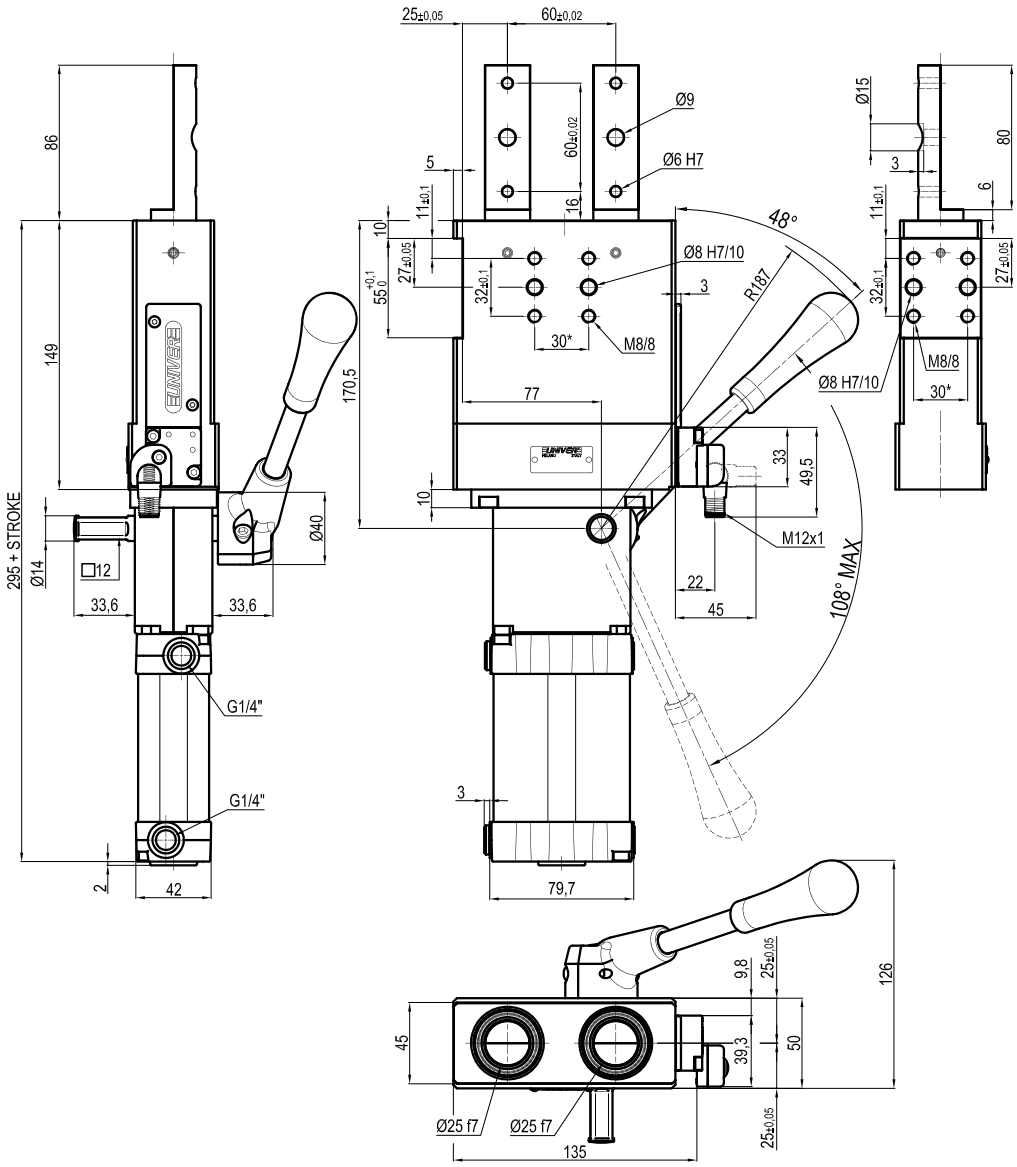
4 STROKE
015 = 20 mm
025 = 25 mm
040 = 40 mm
050 = 50 mm
060 = 60 mm

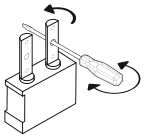
5 ROD END STYLE
A = Rod for offset pins (2 screws, 1 dowel)

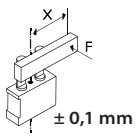
6 SENSOR
N = No sensor (with protection plate)
K = Electronic sensor PNP, M12 (DF-K)
D = Pneumatic sensor (DF-UPNW)
J = Electronic sensor NPN, optical (DF-J)
Y = Electronic sensor PNP, M12 (DF-Y) white LED

7 PRODUCT REVISION
Assigned by UNIVER

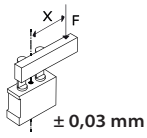
A | Rod for offset pins







Max. Torque
20 Nm
X = 100 mm



Max. deflection
moment 20 Nm
X = 100 mm

**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