

# Series RPGB sprue grippers

## Size 8, 12mm

New version

Angular, not self-centering, single-acting, Normally Open  
 Models: Flat Finger, Short Finger, Flat Finger with sensor



- » Suitable for plastic injection molding sector
- » Easy to install
- » Compact and lightweight
- » Wear resistant
- » Models RPGB-08-D and RPGB-12-D are supplied with sensor CSD-362 already mounted

The external design, the choice of materials and the search for miniaturization makes Series RPGB a compact and lightweight solution. The D model is provided with a finger having a slot for the installation of a magnetic sensor which is able to detect the grip of the piece.

Its technical features ensure a high gripping force and make this gripper particularly suitable in the removal of injection molded items. The surface treatments on each metallic part make this series very wear resistant.



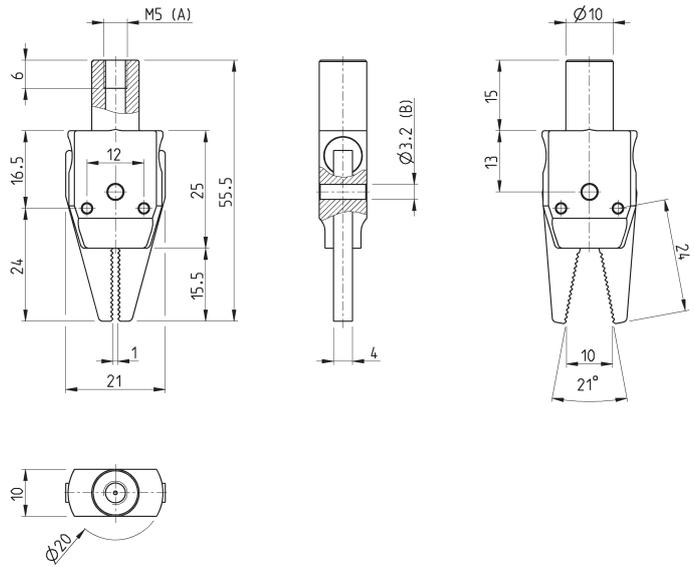
GENERAL DATA	
Operation	single-acting, Normally Open
Materials	anodized aluminium body and fingers, HNBR seals
Working pressure	2.5 bar + 8 bar
Working temperature	0°C + 60°C
Max frequency	3 Hz
Lubrication	Not necessary
Air ports	M5
Media	Filtered air, class 6.8.4 according to ISO 8573-1, without lubrication
Size	8, 12 mm
Weights	15 g (size 8) - 50 g (size 12)
Gripping torque at 6 bar	25 Ncm (size 8) - 90 Ncm (size 12)
Opening torque at 6 bar	2 Ncm (size 8) - 5 Ncm (size 12)
Gripping force at 6 bar	7 N (size 8) - 30 N (size 12)
Closing time without load	10 ms
Opening time	30 ms

**CODING EXAMPLE**

<b>RPGB</b>	-	<b>12</b>	-	<b>A</b>
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<b>RPGB</b>	SERIES
<b>12</b>	SIZE: 08 = ø 8 mm 12 = ø 12 mm
<b>A</b>	TYPE OF CONSTRUCTION: A = Flat finger C = Short finger with holes for extra jaws D = Flat finger with sensor mounted (Mod. CSD-362)

## Flat finger gripper Mod. RPGB-08-A - dimensions

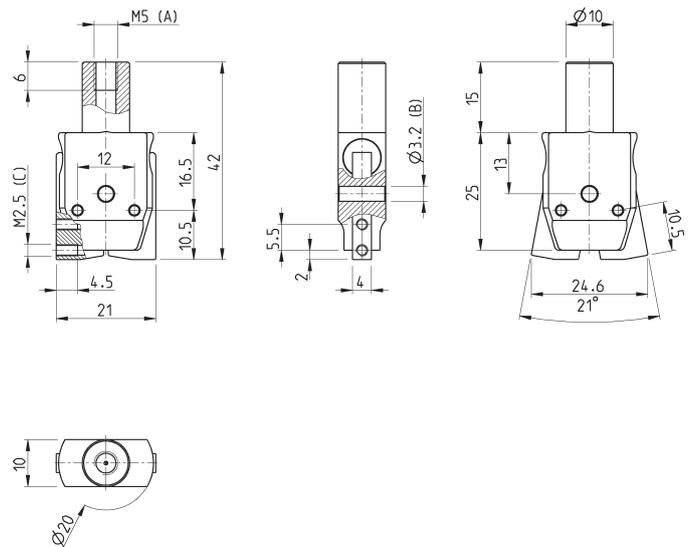


A = port connection  
B = mounting hole

Mod.

RPGB-08-A

## Short finger gripper Mod. RPGB-08-C - dimensions



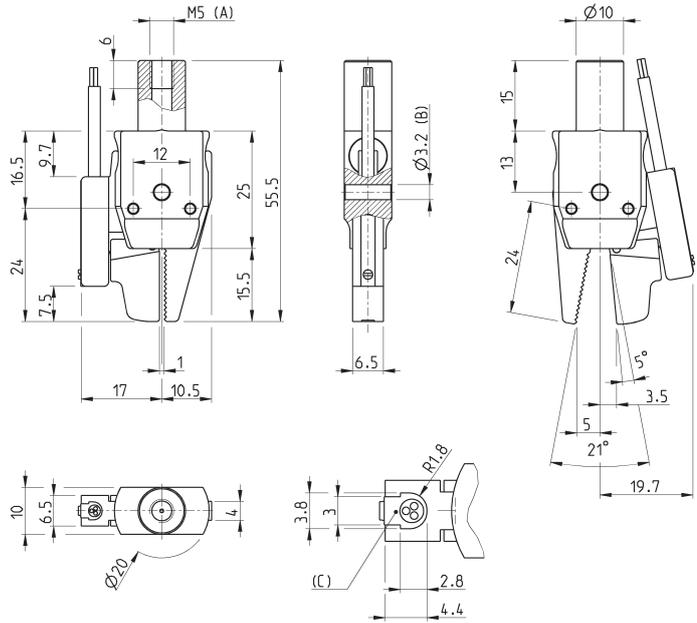
A = port connection  
B = mounting hole  
C = mounting thread

Mod.

RPGB-08-C

Flat finger gripper with sensor slot Mod. RPGB-08-D - dimensions

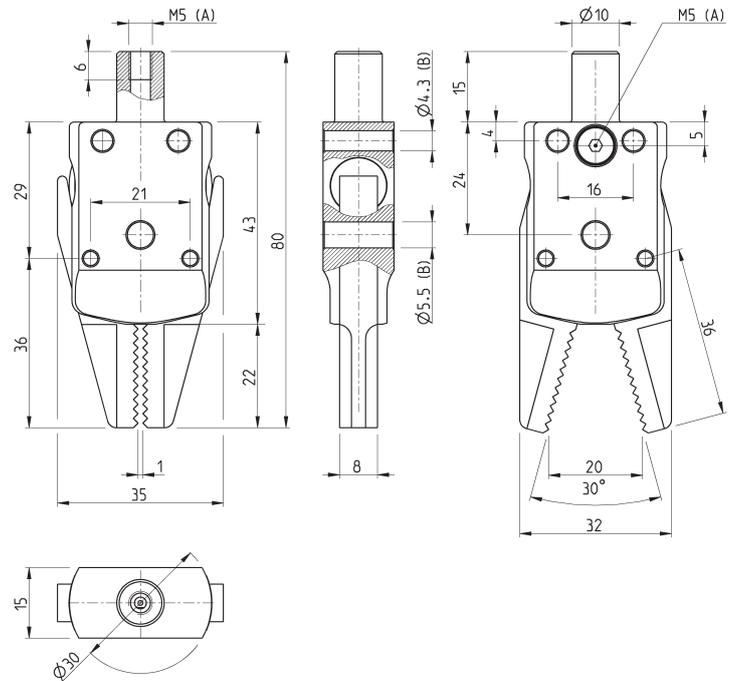
This model is supplied with sensor CSD-362 mounted.



A = connection port  
B = mounting hole  
C = sensor groove

Mod.  
RPGB-08-D

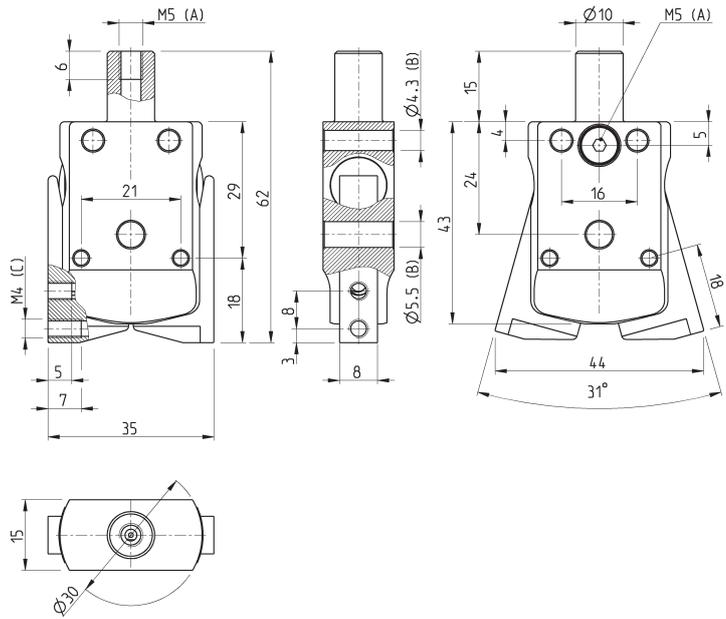
Flat finger gripper Mod. RPGB-12-A - dimensions



A = port connection  
B = mounting holes

Mod.  
RPGB-12-A

## Short finger gripper Mod. RPGB-12-C - dimensions



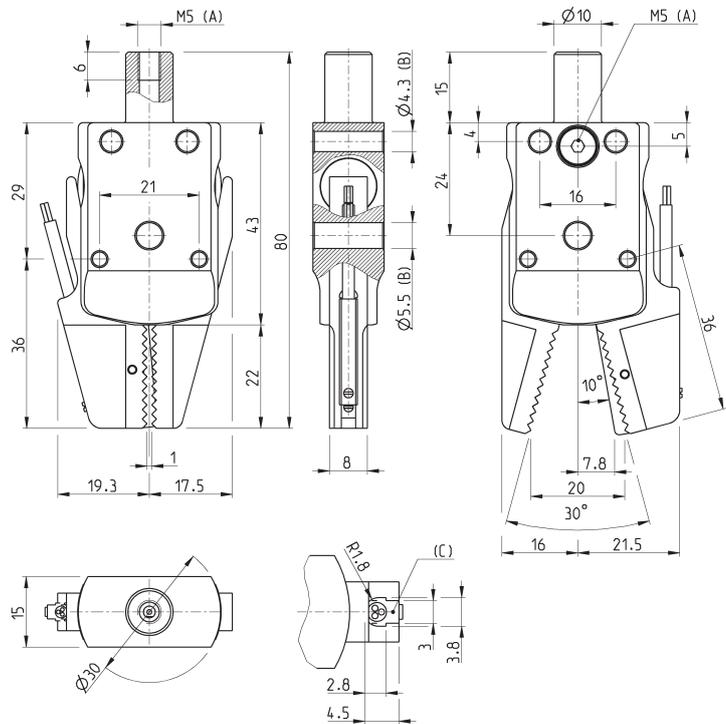
A = port connection  
 B = mounting holes  
 C = mounting thread

Mod.

RPGB-12-C

## Flat finger gripper with sensor slot Mod. RPGB-12-D - dimensions

This model is supplied with sensor CSD-362 mounted.



A = port connection  
 B = mounting hole  
 C = sensor groove

Mod.

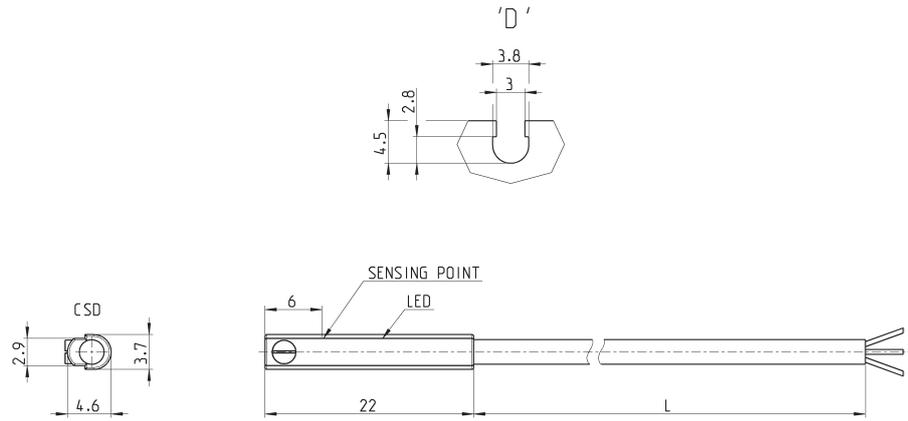
RPGB-12-D

Series CSD magnetic proximity switches with 3-wire cable

New

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MOVEMENT

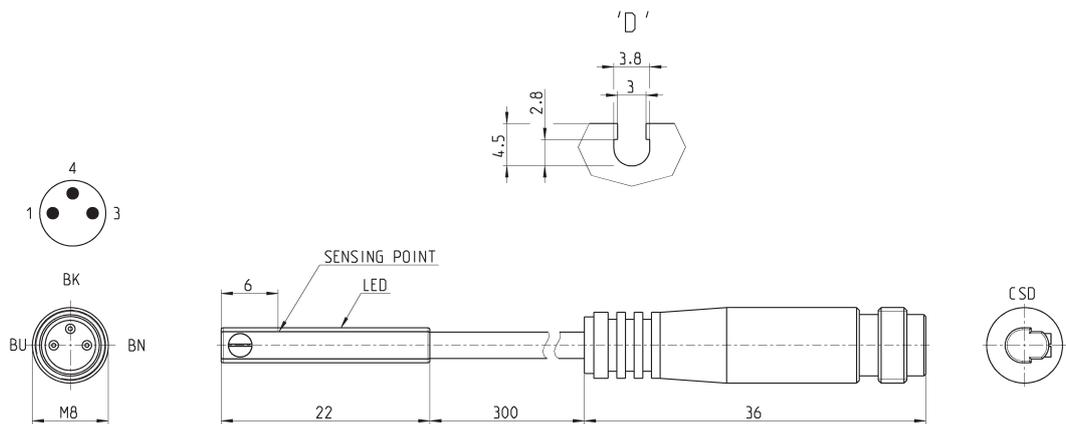


Mod.	Operation	Connections	Voltage	Output	Max. current	Max Load	Protection	L = length cable
<b>CSD-332</b>	Electronic	3 wires	10 + 27 DC	PNP	200 mA	6W	Against polarity reversing and overvoltage	2 m

Series CSD magnetic proximity switches with male connector M8

New

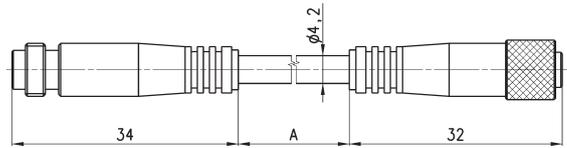
Length cable 0,3 mt.



Mod.	Operation	Connections	Voltage	Output	Max. current	Max Load	Protection
<b>CSD-362</b>	Electronic	3 wires with M8 connector	10 + 27 DC	PNP	200 mA	6W	Against polarity reversing and overvoltage

**Extension with connector M8, 3 Pin Male / Female**

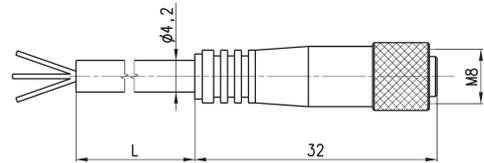
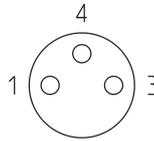
Non shielded



Mod.	cable length "A" (m)
CS-DW03HB-C250	2,5
CS-DW03HB-C500	5

**Circular connectors M8, 3 Pin Female**

 With PU sheathing, non shielded cable.  
 Protection class: IP65

 BN = Brown  
 BK = Black  
 BU = Blue


Mod.	L = cable length (m)
CS-2	2
CS-5	5
CS-10	10