

GR90-Series Angular Grippers

The **GR90 Series** has a double acting piston attached to a cross bar by a connecting rod. The linear movement of the piston is transformed into angular movement of the jaws through a double toggle link mechanism.

A. Body:

Hardcoat anodized with PTFE for reduced friction and wear. Front and side ports standard.

B. Jaws:

Hardened alloy steel.
Keyway slot for tooling location.
180° jaw motion.

C. Locking Adjustment Screw:

Jaw rotations can be adjusted from 0-90° to be custom fit to each application.



How to Order

GR90 1 6 D X

Seal Type

1 = Buna-N Seals

Sensing Type

Standard Cord Set
4 = Prox Switch – PNP (Sourcing)
5 = Prox Switch – NPN (Sinking)
6 = No Sensing
Quick Disconnect Cord Set
W = Prox Switch – PNP (Sourcing) Straight
V = Prox Switch – NPN (Sinking) Straight
U = Prox Switch – PNP (Sourcing) 90 Deg.
T = Prox Switch – NPN (Sinking) 90 Deg.
Prox switches are 4 mm diameter.

Special Options

X = Standard

Sensing Position

A = Single Position Open
B = Single Position Closed
C = Two Position Sensing
D = No Sensing

When ordering additional switches & Seal Kits

Sensing Kits Standard Cord Set		Sensing Kits Quick Disconnect Cord Set	
Hall Effect - PNP Sourcing	PROX-4FL2-P	Hall Effect - PNP Sourcing	PROX-4QDS-P
Hall Effect - NPN Sinking	PROX-4FL2-N	Hall Effect - NPN Sinking	Not Available
		90° 5 meter cable	PXC90
		Straight 5 meter cable	PXCST
		(5m Cables)	