| This file contains all the parts you need to build PAROL6 robot! | |
|--|---------|
| Most items have links where you can buy the item, and some of them are affiliate | links. |
| Items like screws, belts and bearings can be bought locally or from many other v | endors. |

| | Screws and nuts: | | | |
|--|--|--|--|---|
| | diameter , length | quantity | Description | Link |
| | M4x10mm | 20 | DIN 912 / ISO 4762 (hexagon socket head cap) | |
| | M3x8mm | 10 | 2 mm head height | |
| | M3x8mm | 50 | DIN 912 / ISO 4762 (hexagon socket head cap) | |
| | M3x14mm | 30 | DIN 912 / ISO 4762 (hexagon socket head cap) | |
| | M3 nut | 10 | DIN 912 / ISO 4762 (hexagon socket head cap) | |
| | M3x25mm | 10 | DIN 912 / ISO 4762 (hexagon socket head cap) | |
| | M2x10mm | 10 | DIN 912 / ISO 4762 (hexagon socket head cap) | |
| | M3x16mm | 10 | | |
| | | | DIN 912 / ISO 4762 (hexagon socket head cap) | |
| | M3x6mm | 10 | Pan head phillips | |
| | M3x12mm | 30 | DIN 912 / ISO 4762 (hexagon socket head cap) | |
| | M3x35mm | 10 | DIN 912 / ISO 4762 (hexagon socket head cap) | |
| | M4x16mm | 30 | DIN 912 / ISO 4762 (hexagon socket head cap) | |
| | M4x14mm | 10 | DIN 912 / ISO 4762 (hexagon socket head cap) | |
| | M4x50mm | 10 | DIN 912 / ISO 4762 (hexagon socket head cap) | |
| | Gearboxes: | | | |
| Name in building instructions | Туре | quantity | Description | Link |
| Gearbox 20:1 | Nema 17 20:1 EG precision planetary | 2 | Link | Link |
| Gearbox 10:1 | Nema 17 10:1 EG precision planetary | 1 | Link | Link |
| | Motors: | | | |
| Name in building instructions | Туре | quantity | Description | Link |
| Stepper 1 | Nema 17 16Ncm,42x42x20mm | 1 | Link | Link |
| | | 3 | | |
| Stepper 2 | Nema 17 45Ncm,42x42x40mm | 2 | Link | <u>Link</u> |
| Stepper 3 | Nema 17 65Ncm,42x42x60mm | 2 | Link | Link |
| | Belts: | | | |
| Name in building instructions | Туре | quantity | Description | Link |
| Joint 1 belt | HTD3 396 | 1 | 6 mm width | |
| Joint 3 belt | HTD3 342 | 1 | 6 mm width | |
| Joint 4 belt | HTD3 201 | 1 | 6 mm width | |
| Joint 5 belt | HTD3 246 | 1 | 6 mm width | |
| | Pulleys: | | | |
| Name in building instructions | Туре | quantity | Description | Link |
| J4 pulley, J5 pulley | HTD3M 12 tooth 5mm bore 10mm width | 2 | | Link |
| | | | | |
| J1 pulley | HTD3M 15 tooth 5mm bore 10mm width | 1 | | Link |
| | | 1 | | <u>Link</u> |
| J1 pulley | Mechanical stuff: | | Description | |
| J1 pulley Name in building instructions | Mechanical stuff: Type | quantity | Description 8 mm hole shaft. M4 screw holes | Link |
| J1 pulley | Mechanical stuff: Type Shaft coupler | quantity | Description 8 mm hole shaft, M4 screw holes | |
| J1 pulley Name in building instructions Shaft coupler | Mechanical stuff: Type Shaft coupler Bearings: | quantity 3 | 8 mm hole shaft, M4 screw holes | Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions | Mechanical stuff: Type Shaft coupler Bearings: Type | quantity 3 quantity | 8 mm hole shaft, M4 screw holes Description | Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 | quantity 3 quantity 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate | Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J | quantity 3 quantity 1 5 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 | Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J | quantity 3 quantity 1 5 4 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 | Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 | quantity 3 quantity 1 5 4 20 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension | Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 | quantity 3 quantity 1 5 4 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 | Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 | quantity 3 quantity 1 5 4 20 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension | Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 | quantity 3 quantity 1 5 4 20 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension | Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: | quantity 3 quantity 1 5 4 20 20 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension | Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type | quantity 3 quantity 1 5 4 20 20 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board | quantity 3 quantity 1 5 4 20 20 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description source-robotics.com | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button | quantity 3 quantity 1 5 4 20 20 quantity 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN | quantity 3 quantity 1 5 4 20 20 quantity 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 3 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 2 | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 3 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 2 | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic connector - robot | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector - male + female Inductive sensor 1 Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic Cripper | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM MHZ2-16D | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic connector - robot | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector - male + female Inductive sensor 1 Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic Cripper | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM MHZ2-16D | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic Gripper connector | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM MHZ2-16D PC4 - M5 | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic Gripper Pneumatic Gripper connector Pneumatic gripper connector Pneumatic gripper connector | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM MHIZ2-16D PC4 - M5 1 meter, 4x2.5mm | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AXK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic connector - robot Pneumatic Gripper Pneumatic Gripper Pneumatic gripper connector Pneumatic gripper connector Pneumatic tube xt30 connector female Stlink | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM MHZ2-16D PC4 - M5 1 meter, 4x2.5mm used to deliver power to PAROL6 PCB Used to program PAROL6 control board | Link Link Link Link Link Link Link Link |
| J1 pulley Name in building instructions Shaft coupler Name in building instructions Bearing 1 Bearing 2 Bearing 3 Tension bearing Tension bearing | Mechanical stuff: Type Shaft coupler Bearings: Type AxK3552 NSK HR32906J NSK HR32907J Ball bearing 3x8x4 Ball bearing 3x10x4 Electronics: Type PAROL control board On/Off button JST PH 2.0mm 200mm 4PIN Noctua NF-A4x20 5V 40mm Power connector - male + female Gripper connector (electric) Power supply Limit switches Inductive sensor 1 Inductive sensor 2 Inductive sensor 3 Estop Pneumatic Gripper Pneumatic Gripper connector Pneumatic gripper connector Pneumatic tube xt30 connector female | quantity 3 quantity 1 5 4 20 20 quantity 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 8 mm hole shaft, M4 screw holes Description 35X52X4, needs to have top and bottom plate Joint 5, 4 and 3 Joint 5, 4 and 3 Joint 1 and 2 Used for belt tension Used for belt tension Description Source-robotics.com 12mm 3-6V For power button GX16 2PIN M8 sensor Female 4 pin Any 24V 5A supply Type ZW12-3 4mm NPN NO GX-F8A M5, NPN NO Any NC estop 4 mm type PM MHZ2-16D PC4 - M5 1 meter, 4x2.5mm used to deliver power to PAROL6 PCB | Link Link Link Link Link Link Link Link |