

# MATCH - ROBOT MODULE

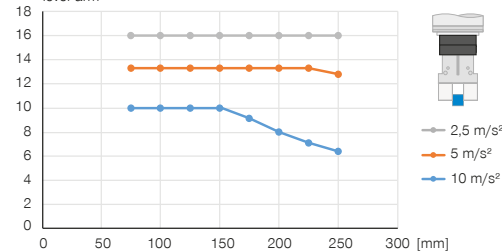
## LWR50F-00-04-A

### ▶ PRODUCT SPECIFICATIONS



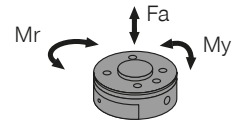
#### ▶ Vertical design with centered holding force

Shows the maximum handling weight depending on acceleration and lever arm



#### ▶ Forces and moments

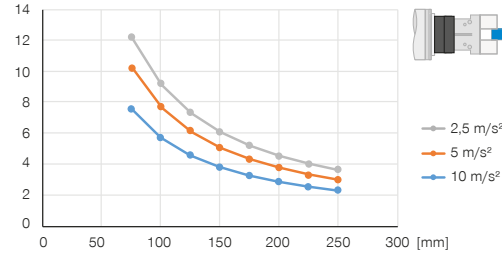
Shows static forces and moments



Mr [Nm]	20
My [Nm]	40
Fa [N]	500

#### ▶ Horizontal design with centered holding force

Shows the maximum handling weight depending on acceleration and lever arm



### ▶ RECOMMENDED ACCESSORIES



#### GRIPPING COMPONENTS



**LWR50L-02-00001-A**  
MATCH - Grippers



**LWR50L-03-00001-A**  
MATCH - Grippers



**LWR50L-22-00001-A**  
MATCH - Grippers



**LWR50L-23-00002-A**  
MATCH - Grippers



#### CONNECTIONS / OTHER



**CSTE01483**  
Connecting line, straight, 5 m – M12 socket



**KAG500IL**  
Plug-in connector straight 5 m - plug, socket M12



**SCM-C-00-00-A**  
Smart Communication Module



**WVM7**  
Angled Fittings - Quick Connect Style



**ZUB123084**  
Strain relief

Order no.	► Technical data
	<b>LWR50F-00-04-A</b>
Suitable for robot type	ISO TK 50*
Control	IO-Link
Connecting flange according EN ISO 9409-1	TK 50
Handling weight max. [kg]	25
Connecting cable	Plug, M12, 5-pole
Locking stroke [mm]	1
Electrical energy transfer	integrated
Pneumatic energy transfer	integrated
Tightening force [N]	50
Release force [N]	0
Repetition accuracy in X, Y [mm]	0.05
Repetition accuracy in Z [mm]	0.05
Offset at coupling max. in X,Y [mm]	1.0
Operating temperature [°C]	5 ... +60
Service life in cycles	100,000
Protection to IEC 60529	IP40
Weight [kg]	0.28

\*Mechanical assembly compatible to all robots with standard ISO PCD 50 mm. Electrical connection via standard IO-Link M12-5 female connector.

