To:	From:	
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FIPA Ltd. Thailand Fax +66 2 294-4149 sales.th@fipa.com	Phone/Fax:	
Gripper assembly	Industry:	
Please complete the following questionnaire c	arefully so that we can select the optimal pro	duct for you.
Please help us to offer you the best service: > Please send us 3D-CAD Data of your part, too > If you have no 3D-CAD Data available, please > If possible, please send us a photo or a sampl > Please send us drawings of the robot adapter We will contact you if important information is we can ensure the optimal choice for you.	send us 2D-Drawings with measure details e (2D, AutoCAD or PDF)	completely available,
Linear Swivel axes No. of axes	Robot Entry Top Side Robot Wrist Flip Yes No Robot Wrist Rotation Yes No Robot Payload Capacity kg	Existing Robot Side Quick Changer Yes No Manufacturer / Type:
2. Media supply Number of vacuum circuits Number of compressed air circuits bar (psi) Hose diameter mm OD ID Hose length mm 5. Electric gripper system interface – continued of sensor type PNP NPN Electrical connector type (Robot side): M8 connector (3 pins) (Female connector at mainly mainly supplied to the suppli	obot)	



5. Electric gripper system interface – continued	from page 1		
Electrical contacts at quick change system (pl	ease attach specification incl. pin-out!)		
Other (please specify)			
In order to keep the wiring simple and to save di	gital inputs at the controller unit, sensors can be AND-combined to supply a common		
output signal. This common output signal will be	positive as long as all sensors supply a positive output signal. Please specify which		
sensors shall be and-combined (e.g. "all part det	ection sensors"):		
Gripper Mounting			
1. Sketch - robot adapter plate	2. Robot adapter plate 3. Gripper base plate		
→ ←	Size mm Size mm		
	Spring loaded Lift mm Spring loaded Lift mm		
	Type: Type:		
	Name: Name:		
→			
4. Comments:			
Tool			
1. Tool opening size mm	2. Robot space requirement in x-direction mm		
, ,	Robot space requirement in y-direction mm		
	Robot space requirement in z-direction mm		
Die-Casting Machine			
1. Sketch	Tie-bar thickness: mm		
Ejector side Nozzle side	Tie-bar spacing - horizontal: mm		
\bigcap	Tie-bar spacing - vertical: mm		
	The but spacing vertical.		
	Typ of Mould:		
	Vertical Corepull Subgated		
	Other Explain Below		
	Ctrief Explain below		
	Ejection: Moving Half Fixed Half		
	Do parts fall or sag during or after ejection? Yes No Is any force, twisting, bending, lifting required to remove parts?		
	Yes No		
·	Double stroke? Yes No		
Description			

Component		
1. Material Fabric Film Metal Magnetic material Silicon Plastic Type Other:	2. Surface Non-marking Matt Shiny Textured Grained Other:	3. Subsequent process stages Cutting station Other:
4. Feeding of injection-mould Roll Magazine Provisioning Vibrating conveyor	Part temperature during eject Total shot weight:	ion:°C (°F)
Application 1. Item Insert	2. Item placed on: Conveyor belt Pallet Container Tray Fixture Other	3. Cycle time: Withdrawal time seconds Feeding time seconds total cycle time seconds



Gripper Design	
Gripper Design 1. Gripper elements Suction cups (quantity) Gripper fingers (quantity) Parallel grippers (quantity) Sprue grippers (quantity) Magnetic grippers (quantity) Air nippers (quantity) Needle grippers (quantity)	Fixed Spring loaded Lifting cylinder Fixed Spring loaded Lifting cylinder
2. Parts inspection Vacuum (quantity) Optical (quantity)	3. Degating Required N/A On EOAT Separate Degate-Station
4. Further information Gripper dimensions (LxWxH in mm) Abmasse der Einlegeteile (am besten Zeichr Functional/requirement specification Relevant factory standards	nung und / oder Muster beilegen)
5. Comments:	

