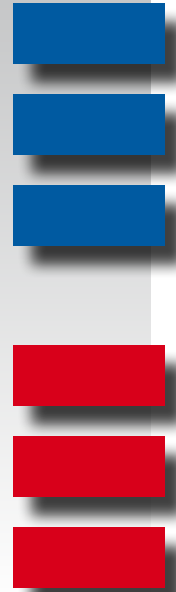


# DYNAMIC ROBOTIC SOLUTIONS

## After Market Service

### CODING SYSTEM, PLUG-IN

Minimize downtime  
when changing the fixtures



#### Description:

A coding system that the robot(s) uses to select the correct cutting program. The coding system is based on plug-in connectors, type Harting, which provides an 8-bit code for each pallet (fixture). The selection is made at start of each cutting cycle. Each fixture is equipped with a male connector with a unique pin configuration determined by the robot programmer. The connector is attached to the fixture by a wire. When a fixture is located on the worktable, the fixture's code plug is connected to its counterpart, which is mounted on the worktable arm.

#### Technical Specification:

- Code range 1-256. 8 bits binary.
- Two (2) female plugs, one installed on each work table.
- Two (2) male plugs for the fixtures are included in this option.

#### External Requirements:

For ABB robots M98 and older, extended memory is recommended. Older robots without extended memory will manage 3 different cutting programs.

#### Customer benefits:

- Automatic selection of cutting program.
- Minimizes the standstill time when changing the fixtures.
- Minimizes the risk of damaging the robot(s) caused by wrongly selected robot program.

#### Profitable production

Keeping the downtime of your Cutting Box to the minimum is the secret of a profitable production.



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