



Informationssysteme

Vision for success

PickVision System

Mounting Guide

WIBOND Informationssysteme GmbH

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SAMPLE

INDEX

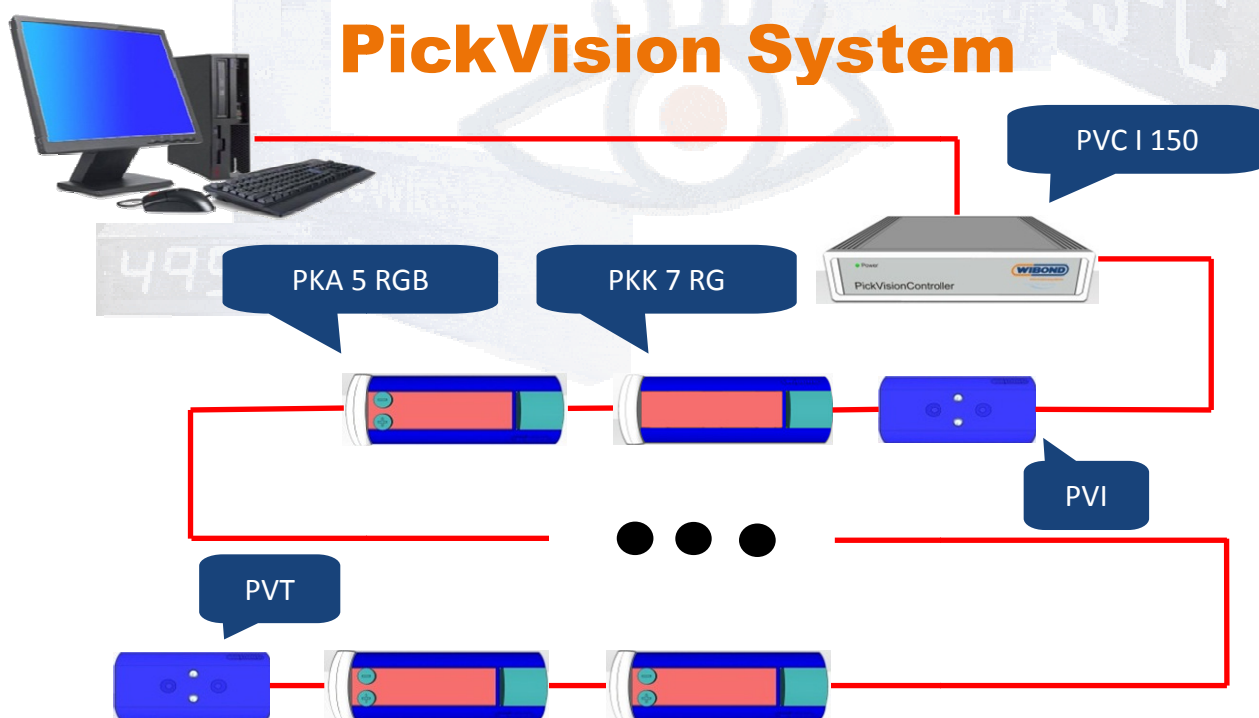
COMPONENTS	2
WIRING PLAN	2
STEP 1: PREPARE ALUMINIUM BASE PROFILE (PBP 600)	3
STEP 2: CLAMP THE PORTAL FASTENERS (PBB F)	3
STEP 3: ATTACH BASE PROFILES TO RACKS	4
STEP 4: CLAMP THE LIGHT SENSORS	4
STEP 5: INSTALL CABLES FOR THE LIGHTS SENSORS	5
STEP 6: PLUG PICKVISION COMPONENTS	6
STEP 7: PREPARE AND PLUG COVER PROFILES	7
STEP 8: CONNECT DATA/POWERSUPPLY	7
STEP 9: CLAMP PICKVISION CONTROLLER	8
Daimler Application	



COMPONENTS

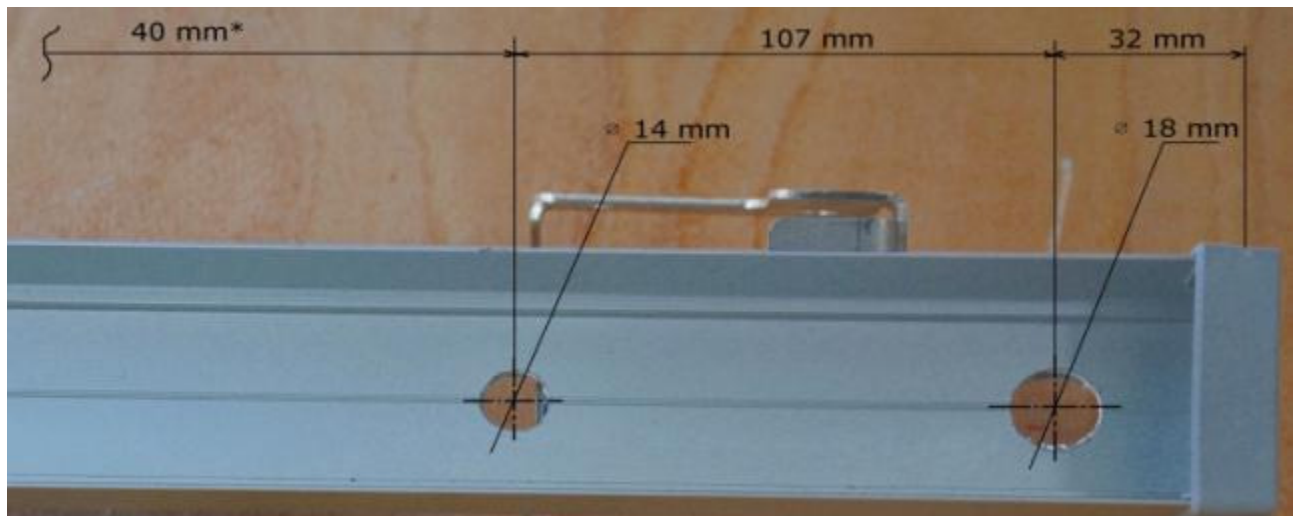
Model	No. of items	Type	Description
P-10003	1	PVC I 150	PickVision Controller
P-10013	15	PKA 5 RGB	Pick-by-light display, alphanumeric, 5 digits
P-10011	1	PKK 7 RG	Keypad for PickVision System, buzzer
P-10016	1	PVI	Data/power supply-input-device for PickVision-System
P-10017	1	PVT	Data/power supply-termination-device for PickVision-System
P-10047	30	PLS 30-500	Photoelectric switch, sensing distance 30-500 mm
P-10073	30	PSB W	Sensor bracket for photoelectric switch
P-10070	15	PAC 10 PLS/PSS	Connection cable PKA 5 RGB, length approx. 10,5 cm
P-10045	6	PBC 0	Base profile end cap
P-10054	6	PBB F	Portal fastener for PBP 600
P-10036	1	PBP 600	Base profile, length 6 m (cut in 2 m)
P-10037	1	PBC 600	Base profile cover, length 6 m (cut in 2 m)
P-10028	2	PPC 100	Patch cable, length 1 m
P-10027	15	PPC 50	Patch cable, length 0,5 m
P-10031	1	PPC 300	Patch cable, length 3 m
190100	1	mounting accessories	Cable protective tube, screws etc.

WIRING PLAN



Sample structure

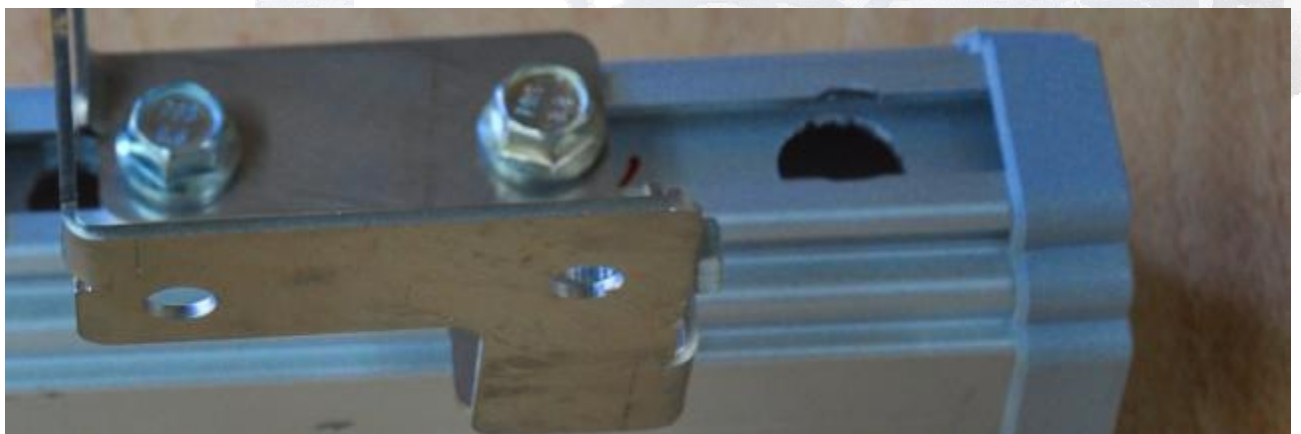
STEP 1: PREPARE ALUMINIUM BASE PROFILE (PBP 600)



* to the next hardware component.

- Saw base profiles on the rack length.
- Make necessary drill-holes (see the picture above).
 - \varnothing 14 mm for the light sensor cable.
 - \varnothing 18 mm for the data cable.

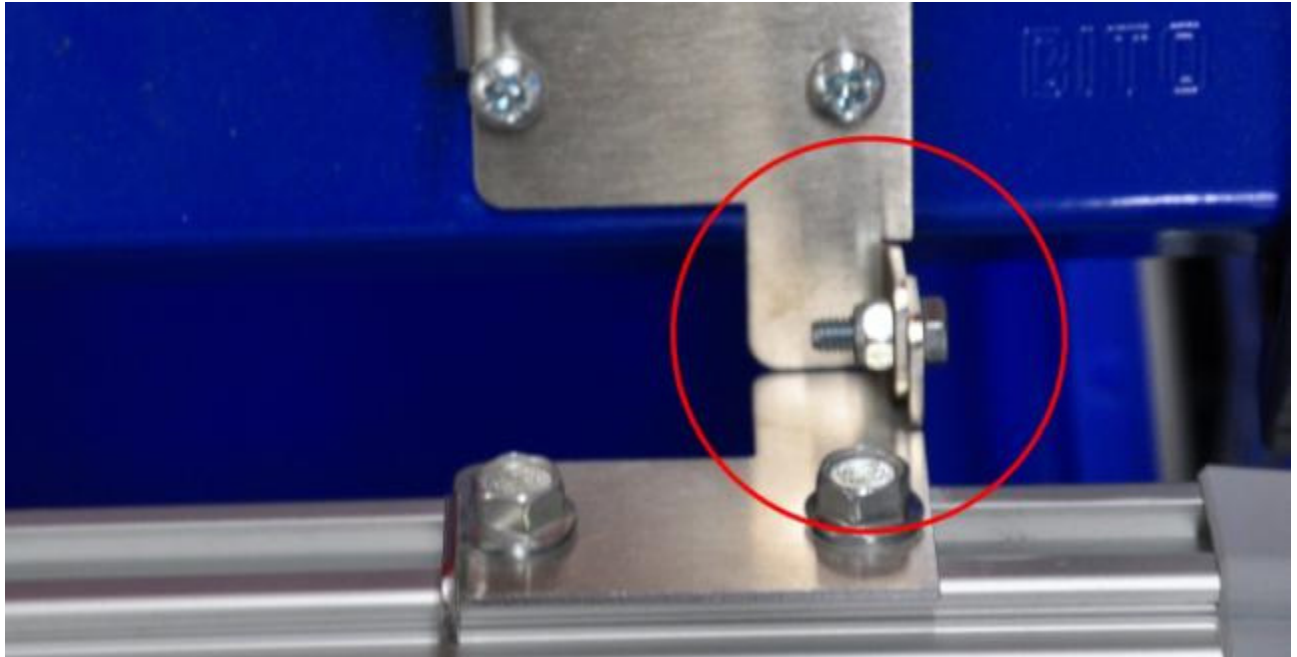
STEP 2: CLAMP THE PORTAL FASTENERS (PBB F)



- Clamp the portal fasteners to the shelves and base profiles.

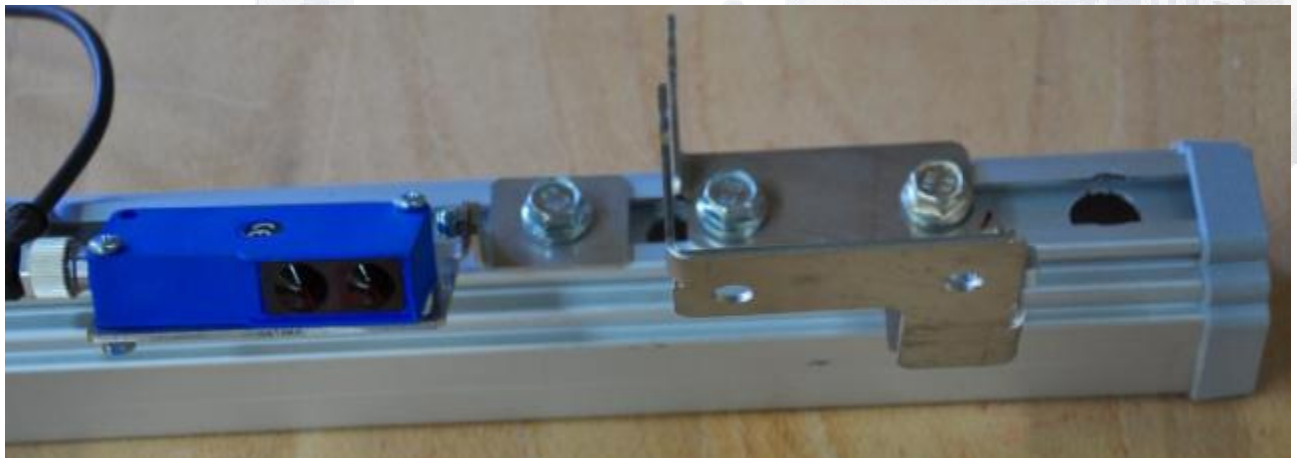
Notice: you need 2 portal fasteners per rack level.
deburr and clean base profile after drilling the holes
no drill-hole may be covered.

STEP 3: ATTACH BASE PROFILES TO RACKS



- Attach base profiles to the shelves by connecting of portal fastener.

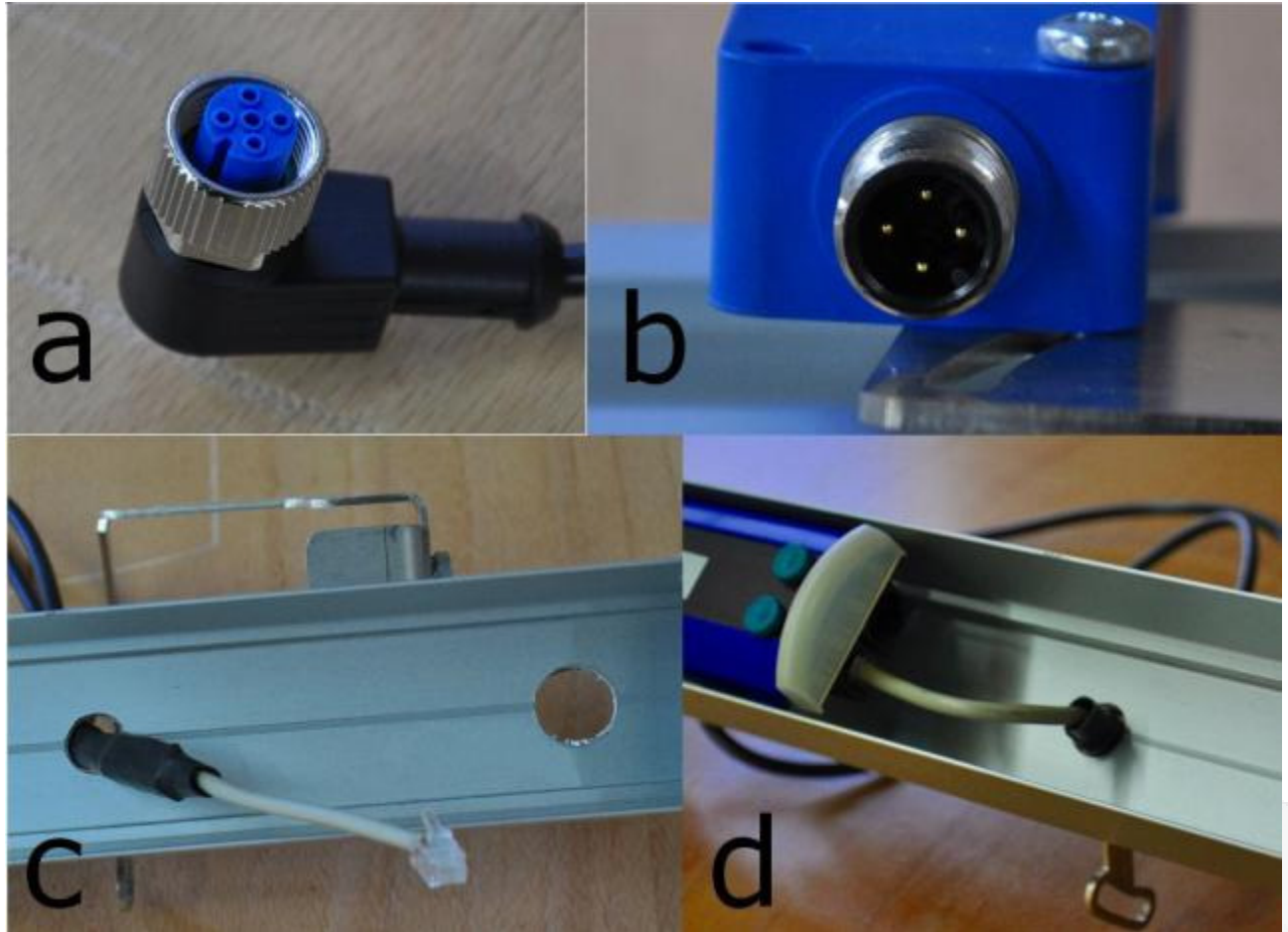
STEP 4: CLAMP THE LIGHT SENSORS



- Clamp the light sensors to the base profiles.
- If necessary, the light sensor can be adjusted over the sensor's bracket on its position.

Notice: no drill-hole may be covered.
for more information see the data sheet of light sensor.

STEP 5: INSTALL CABLES FOR THE LIGHTS SENSORS



- Connect the data cable (a) to the light sensor (b).
- Plug the data cable carefully through the 14mm-drill-hole (c).

Notice: the way to connect the light sensor(s) to the rack (d).

STEP 6: PLUG PICKVISION COMPONENTS

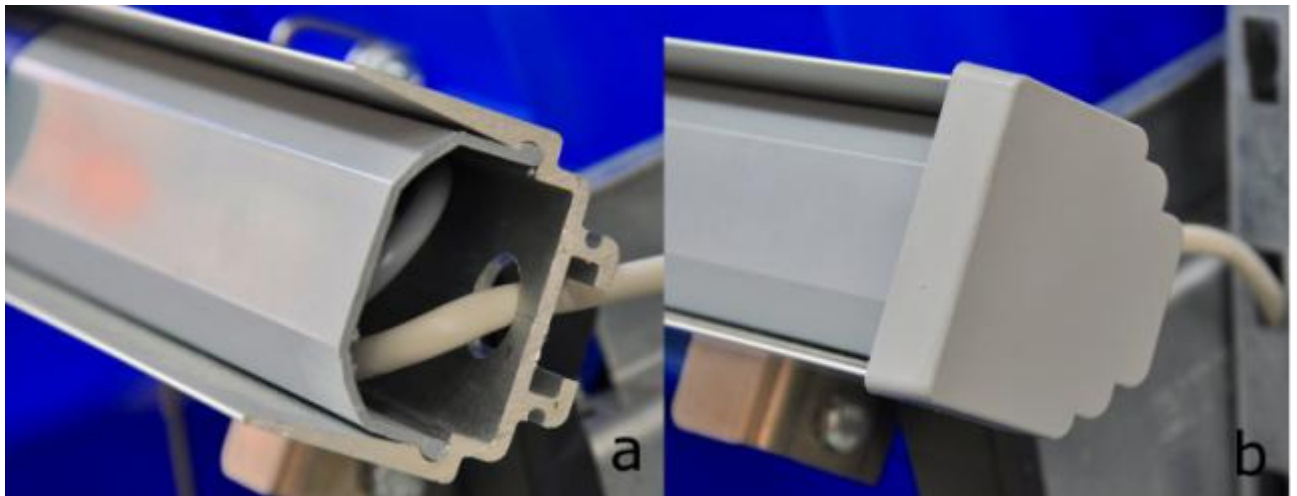


- Plug and connect needed PickVision components to the base profil (see wiring plan).

Notice: RJ-11 cable: connection to light sensor(s).
RJ-45 cable: connection to other PickVision displays.

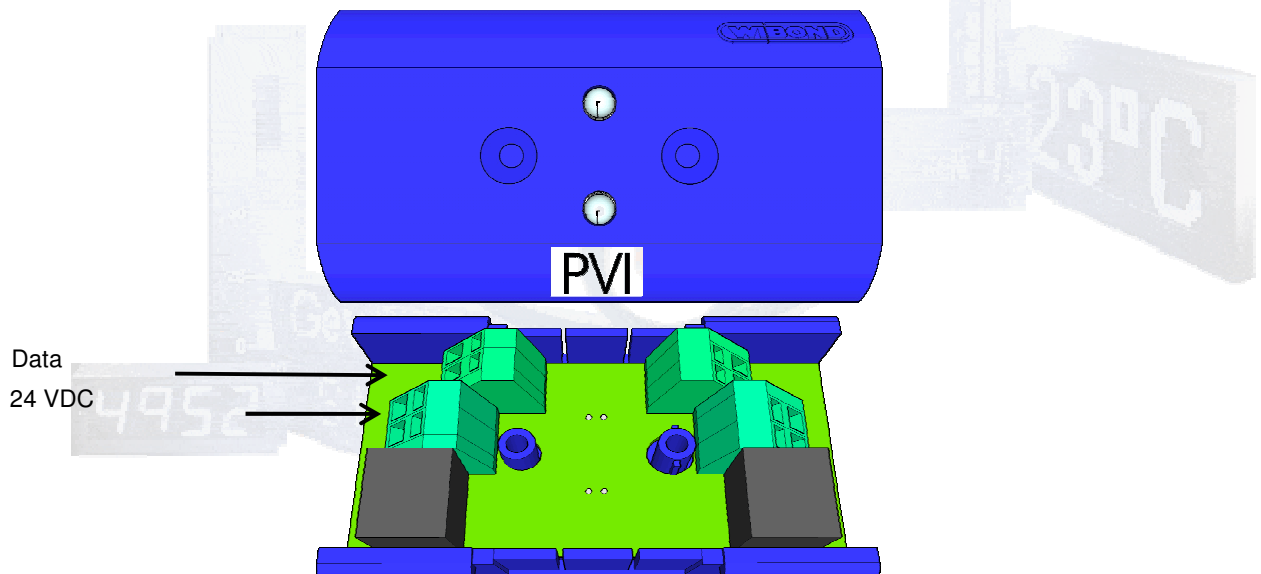


STEP 7: PREPARE AND PLUG COVER PROFILES



- Saw the base cover PBC 600 (a) to the right length.
- Plug base profile end caps PBC 0 to the base profile PBP 600 (b).

STEP 8: CONNECT DATA/POWERSUPPLY



- Plug data and power cables to the data / power supply device (PVI).

Notice: LED status:
top LED green on – voltage OK
lower LED green blinking – data available

STEP 9: CLAMP PICKVISION CONTROLLER



- Clamp PickVision Controller (PVC I 150) on the rack.

Notice: Green LED on – voltage OK
Green LED off – no voltage

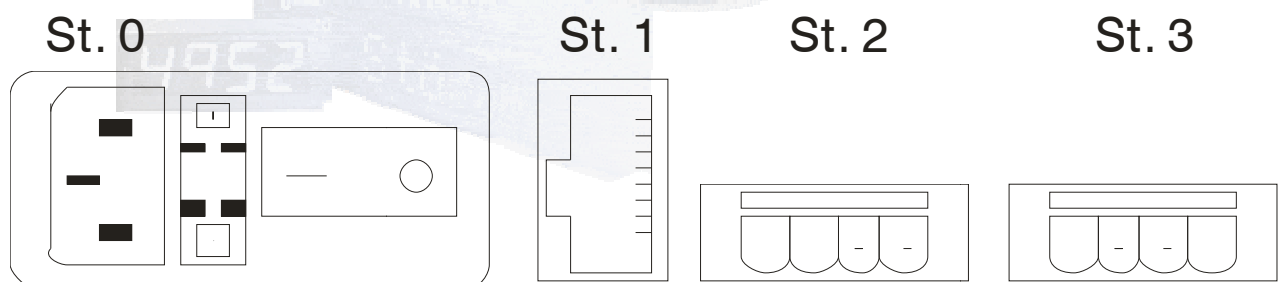
Ports:

St.0 = power supply via IEC connector

St.1 = ethernetport

St.2 = serialport RS485 +24 VDC output 1

St.3 = +24 VDC output 2



For detailed information about “PVC I 150” see the data sheet of the product.

Daimler Application with light grid

