



## Reference

Process Cranes

ProfiDAT<sup>®</sup>, Program 0514



### Application

Hot Metal Overhead Crane

### Country

Sweden

### Project installation date

2017

### Representative office

Conductix-Wampfler AB [SE]

### Customer

BANG Kransysteme | Germany

### Operator

Höganäs Sweden AB | Halmstadt | Sweden

### Technical requirement[s]

Energy supply and data transmission to one overhead crane with Conductor Rails and ProfiDAT<sup>®</sup>  
[ProfiNet data transmission / Real-time data transmission to the crane PLC ]

### Travel length [Crane bridge]

95 m

### Travel speed [Crane bridge]

60 m/min

### Crane loading capacity

75 t / 25 t / 6,3 t

### Product[s]

- ProfiDAT<sup>®</sup>, Program 0514
- Aluminum Conductor Rail, Program 0813 SingleFlexLine with standard PVC insulation up to +55 °C
- Aluminum Conductor Rail, Program 0813 SingleFlexLine with PPE insulation for ambient temperatures up to +85 °C

### Current Collector

- ProfiDAT<sup>®</sup> current collector with protective earth carbon brush and data transmission antenna

### Additional product information

- ProfiDAT<sup>®</sup> for grounding and data transmission
- PPE insulated conductor rail segments are installed in the areas with the highest ambient temperature. Additional steel plates shield the conductor rails and ProfiDAT<sup>®</sup> profile from the radiation heat

