

### ATEX IECEx Flameproof Certified Assembly


Equipment: Resistance Temperature Device (RTD) and Thermocouple Temperature sensors

Part Number Prefix: HL06

Model Configurations: XP01, XP02, XP03, XP04, XP05, XP06, XP07

Type of Protection: Flameproof (Ex db, EPL Gb) and Dust Protection by Enclosure (Ex tb, EPL Db)

ATEX Certification Number: SIRA 18ATEX1250X

2813  II 2 G D  
 Ex db IIC T6...T4 Gb  
 Ex tb IIIC T+60°C...T+110°C Db  
 IP66

IECEx Certification Number: IECEx SIR 18.0065X

Ex db IIC T6...T4 Gb  
 Ex tb IIIC T+60°C...T+110°C Db  
 IP66

Electrical Connection	Input	Output
Terminal Block	N/A	N/A
T82 Transmitter with or w/o display	11 – 42 V dc, 25mA	4 – 20 mA
441 Transmitter	8 – 30 V dc, 25mA	4 – 20 mA
442 Transmitter	11.5 – 30 V dc, 25mA	4 – 20 mA
642E Transmitter w/o display	11 – 40 V dc, ≤3W	4 – 20 mA
642E-D Transmitter with display	11 – 40 V dc, ≤3W	4 – 20 mA
662E Transmitter w/o display	11 – 40 V dc, ≤3W	4 – 20 mA
662E-D Transmitter with display	11 – 40 V dc, ≤3W	4 – 20 mA

Enclosure Order Code	Electrical Connection Order Code	Ambient Temperature Range, T-Code & Dust Surface Temperature w/ 6HN, 8HN, 6PN, 8PN or 9HP Head Mounting Fittings	Ambient Temperature Range, T-Code & Dust Surface Temperature w/ 6XU or 8XU or 8RXU Head Mounting Fittings: -20C to 60C
75, 77	T-642E, T-662E	-40 to +55°C; T6 Gb; T110°C Db	-20 to +55°C; T6 Gb; T110°C Db
		-40 to +70°C; T5 Gb; T110°C Db	-20 to +60°C; T5 Gb; T110°C Db
		-40 to +80°C; T4 Gb; T110°C Db	
93	Terminal Block	-20 to +80°C; T6 Gb; T80°C Db	-20 to +60°C; T6 Gb; T60°C Db
		-20 to +95°C; T5 Gb; T95°C Db	
93	T-441, T-442, T82-00	-20 to +55°C; T6 Gb; T65°C Db	-20 to +55°C; T6 Gb; T65°C Db
		-20 to +70°C; T6 Gb; T80°C Db	-20 to +60°C; T6 Gb; T70°C Db
		-20 to +85°C; T5 Gb; T95°C Db	
94	Terminal Block	-40 to +80°C; T6 Gb; T80°C Db	-20 to +60°C; T6 Gb; T60°C Db
		-40 to +95°C; T5 Gb; T95°C Db	
94	T-441, T-442, T82-00	-40 to +55°C; T6 Gb; T65°C Db	-20 to +55°C; T6 Gb; T65°C Db
		-40 to +70°C; T6 Gb; T80°C Db	-20 to +60°C; T6 Gb; T70°C Db
		-40 to +85°C; T5 Gb; T95°C Db	