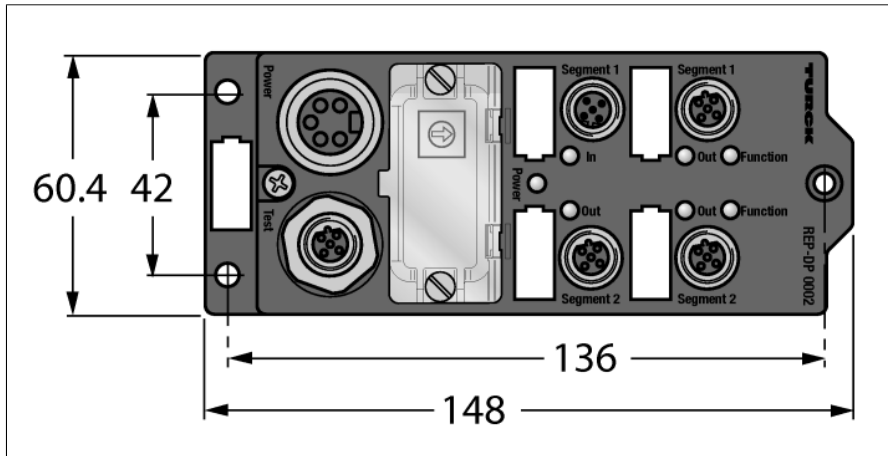


Repeater for PROFIBUS-DP REP-DP 0002



- Rugged PROFIBUS-DP repeater to connect more than 32 PROFIBUS slaves
- Transparent bundling of PROFIBUS slaves
- Segmentation and expansion of PROFIBUS-DP networks
- Galvanically separated segments
- Fibre-glass reinforced PA6 housing
- Vibration and shock-resistant
- Encapsulated module electronics
- Metal connectors
- Degree of protection IP67

Type designation	REP-DP 0002
Ident-No.	6825354
Operating / load voltage	18...30 VDC
Operating current	< 60mA mA
Supply voltage	24 VDC
Voltage supply connection	1 x 7/8"
Fieldbus transmission rate	9.6 kbps ...12 Mbps
Electrical isolation	to operating and load voltage
Diagnostics	Load voltage diagnostics, switched on/off via rotary switch
Dimensions (W x L x H)	60.4 x 148.1 x 27mm
Housing material	Glass fiber reinforced Polyamide (PA6-GF30)
Halogen-free	yes
Mounting	3 mounting holes □ 5.4 mm
Operating temperature	0...+55 °C
Storage temperature	-25 ...+70 °C
Vibration test	acc. to EN 60068-2-6
Shock test	acc. to EN 60068-2-27
Protection class	IP67
MTTF	738 years acc. to SN 29500 (Ed. 99) 20 °C

Repeater for PROFIBUS-DP
REP-DP 0002

	Accessories PROFIBUS connections for segment 1. Unused PROFIBUS connections must be terminated with a terminating resistor. Device: 6601590 RSSW4.5-PDP-TR	PROFIBUS-DP 1 = n.c. 2 = BUS-A 3 = GND 4 = BUS-B 5 = shield 1 = 5 VDC 2 = BUS-A 3 = GND 4 = BUS-B 5 = shield
	Accessories PROFIBUS connections for segment 2. Unused PROFIBUS connections must be terminated with a terminating resistor. Device: 6601590 RSSW4.5-PDP-TR	PROFIBUS-DP 1 = 5 VDC 2 = BUS-A 3 = GND 4 = BUS-B 5 = shield 1 = 5 VDC 2 = BUS-A 3 = GND 4 = BUS-B 5 = shield
	Accessories For operation, only the supply UB is required.	7/8" Power Supply 1 = BK (GND) 2 = BU (GND) 3 = GNYE (PE) 4 = BN (U_B) 5 = WH (U_L) 1 = BK (GND) 2 = BU (GND) 3 = GNYE (PE) 4 = BN (U_B) 5 = WH (U_L)
	Accessories TURCK Service interface; for internal use only. Always cover the M12 socket with the enclosed cap.	

Repeater for PROFIBUS-DP

REP-DP 0002

Module LED status

LED	Color	Status	Description
BUS	yellow	on	PROFIBUS online
	red	on	PROFIBUS offline
		off	No communication
PWR	green	flashing	Baud rate detection active
		on	ready