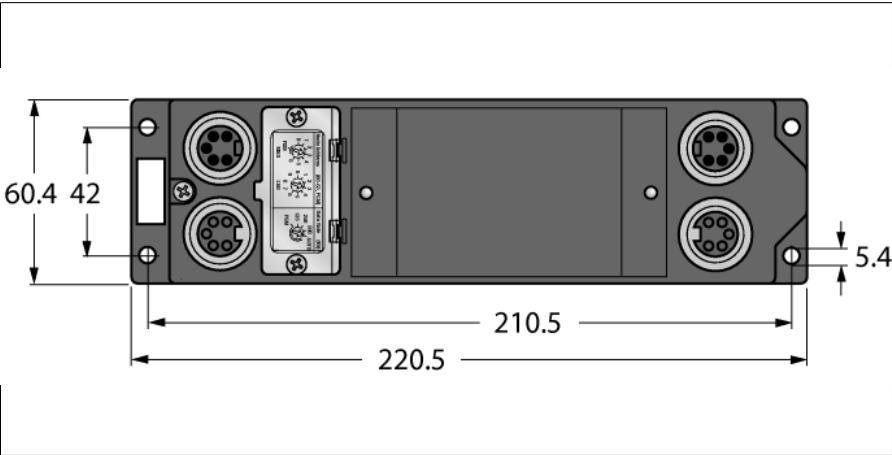
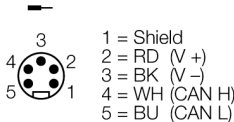
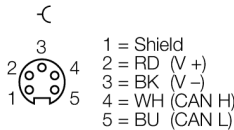


módulo repetidor para DeviceNet
REP-DN



Tipo	REP-DN
N.º de ID	F0137
Tensión de servicio / de carga	11...30 VDC
Corriente de servicio	< 125 mA segmento A, <30 mA segmento B mA
Separación de potencial	Segment A optically isolated from Segment B
Medidas (An x L x Al)	60 x 220.5 x 27 mm
Material de la cubierta	poliamida reforzada por fibra de vidrio (PA6-GF30)
Montaje	4 orificios de fijación Ø 5,4 mm
Temperatura ambiente	-40...+70 °C
Grado de protección	IP67

- robusto repetidor para DeviceNet
- grado de protección IP67
- carcasa PA6 reforzada por fibra de vidrio
- con prueba de resistencia a choques y vibraciones
- electrónica de módulos completamente sellada
- conector de metal
- grado de protección IP67



Principio de funcionamiento

The REP-DN is a potted, fully connectorized repeater. It is very rugged and can be mounted

directly on the machine. Network segments attached together with a repeater are considered separate physical networks (trunk and drop lengths for each segment are determined as if the other segments are not there), but one logical network (addresses cannot be duplicated - the scanner and configuration tools work as a single network).

The repeater does not consume an address and is invisible to all the other devices on the network. The repeater does not have an EDS file.

The REP-DN can be used to extend either the Trunk or the Drop lines. It can also be used to isolate power supplies on networks with multiple supplies.

There is no limit to the number of repeaters that can be used on one network. When a message is repeated a 2 millisecond delay is

introduced. This is typically insignificant compared to the overall scan time of the network when a few repeaters are used. If more than four repeaters are used in series, the interscan delay may need to be increased.

The repeater baudrate is set via rotary switch. The baudrate on each side of the repeater must be the same. Different rates would cause the slow side to be overloaded with messages from the fast side.

Network LED status

LED	Color	Status	Description
IOs		OFF	No hay alimentación de tensión
	ROJO	ON	Alimentación de tensión insuficiente
	ROJO	INTERMITENTE (1 Hz)	Diferencia en la configuración de la estación
	ROJO	INTERMITENTE (4 Hz)	No hay comunicación del módulo de bus
	VERDE	ON	Estación OK
	VERDE	INTERMITENTE	Modo Force activo