

# H-System Custom Cable

## CAB-FBM-\*\*-S37S37-\*\*-\*\*\*\*

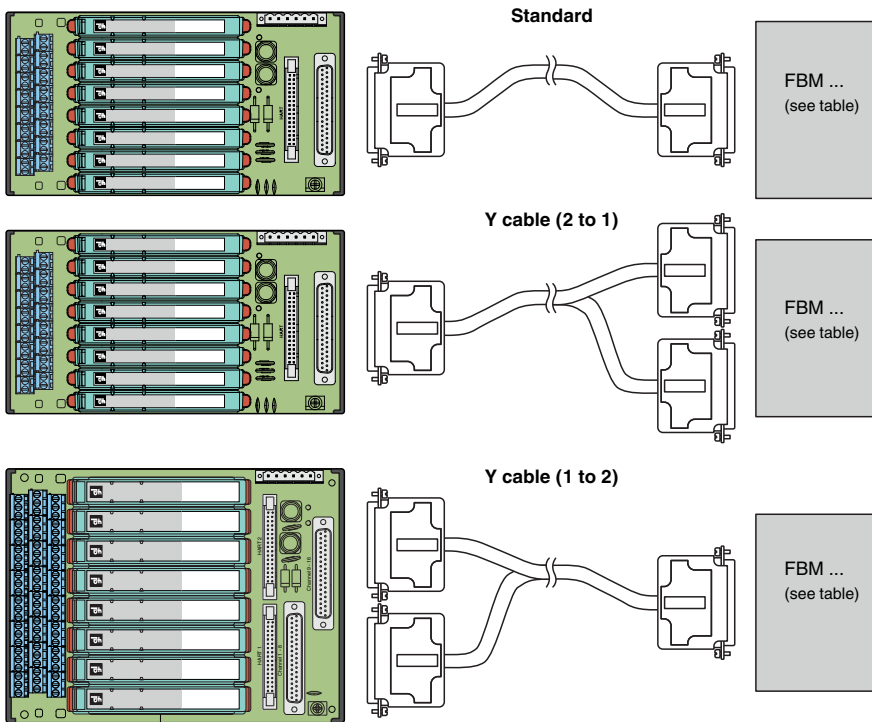


- Schneider specific system cable for Foxboro FBM series to Pepperl+Fuchs H-System termination boards
- Connect the 37-pin Sub-D socket(s) on the Foxboro baseplates to the 37-pin Sub-D connector(s) on the H-System termination board
- Preconfigured lengths

Cordset with 37-pin Sub-D connector(s) for the Foxboro baseplate and 37-pin Sub-D socket(s) for the H-System termination board, PVC cable



### Connection



### Technical Data

#### Electrical specifications

Rated voltage	$U_r$	30 V
Rated current	$I_r$	max. 1 A
Lead resistance		< 70 mΩ / m
Cable capacitance		wire/wire: approx. 120 pF / m wire/shield: approx. 160 pF / m
Cable inductance		approx. 0.5 μH / m or approx. 0.65 mH / m

#### Standard conformity

Flammability	IEC 60332-1-2 , flame-resistant
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## Technical Data

Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F) , fixed
Storage temperature	-40 ... 70 °C (-40 ... 158 °F)
Mechanical specifications	
Connection	Sub-D socket , 37-pin Sub-D connector , 37-pin
Material	
Socket	Sub-D socket : Zinc die cast, nickel plated
Connector	Sub-D connector: Zinc die cast, nickel plated
Sheathing	PVC
Core insulation	PVC
Cable	LiYCY
Diameter	18 cores: 7.3 mm or 10.2 mm (0.40 inch) 20 x 2 cores: 11.3 mm (0.44 inch) 36 cores: 13.4 mm (0.53 inch)
Bending radius	min. 6 x external diameter, fixed cable
Color	grey
Cores	18 x 0.14 mm <sup>2</sup> 18 x 0.34 mm <sup>2</sup> 20 x 2 x 0.14 mm <sup>2</sup> 36 x 0.34 mm <sup>2</sup>
Conductor construction	stranded wire , fine-strand
Shield	tinned copper braiding
Mass	approx. 300 g + 104 g / m (18 x 0.14 mm <sup>2</sup> ) approx. 300 g + 173 g / m (18 x 0.34 mm <sup>2</sup> ) approx. 300 g + 184 g / m (20 x 2 x 0.14 mm <sup>2</sup> ) approx. 375 g + 331 g / m (36 x 0.34 mm <sup>2</sup> )

## Product Versions

Order designation	Cable type (FBM to TB)	For FBM
CAB-FBM-**-S37S37-AX-01000	Standard	FBM201, FBM214, FBM214b, FBM216, FBM216b, FBM215, FBM218, FBM237
CAB-FBM-**-S37S37-AX-01100	Y cable (2 to 1)	FBM201, FBM214, FBM214b, FBM216, FBM216b, FBM215, FBM218, FBM237
CAB-FBM-**-S37S37-DI-01001	Standard	FBM207
CAB-FBM-**-S37S37-DI-01000	Standard	FBM207b
CAB-FBM-**-S37S37-DI-01101	Y cable (1 to 2)	FBM217
CAB-FBM-**-S37S37-DO-01001	Standard	FBM242

The \*-marked letters of the type code are placeholders for the cable length (m). Available cable lengths on request.