



Detection System Cable Assemblies (Clamplock)

Applications

Designed for use on detection circuits for various types of points switching mechanisms and other systems.

- Clamplock detector: Catered for with the 4 core, 2.5mm² C2 type leads
- 12 Core Signalling Systems: Catered for with 12 core, 2.5mm² C2 type leads
- Level Crossing Treadle Leads: Catered for with the 7 core, 2.5mm² C2 type leads and 6 core CT451 cable (when supplied with SILEC connector)

Features and Benefits

The Flexo® detection system cable assemblies offer a fast fit, pre-terminated connection for trackside detection systems (such as clamplock point detectors). With factory moulded palms at one or both ends of the cable the key benefits are speed, reliability and high quality. Nickel plated brass eyelets are terminated to each core and encapsulated in neoprene. This ensures good electrical connection and resistance to corrosion. The neoprene moulding is fully vulcanised to the cable sheath providing a waterproof seal with excellent strain relief. The excellent inherent flexibility enables mouldings to pass through restrictions such as glands. They have excellent resistance to vibration degradation and are available in low smoke, zero halogen option.

Specification and approvals

The detection System Cable assemblies comply with the design and performance requirements of Network Rail specification BR1974 (where applicable).

Cables: • C2 cables comply RT/E/PS/00005 • Cables supplied with SILEC connectors comply with CT451 (France).

Technical Data

CLAMPLOCK DETECTOR LEAD								
Description	Conductor CSA (mm ²)	Cable Type	Strands (Qty/CSA)	Cable Colour	Cores	Length (m)	Prysmian Part No.	PADS Cat. Number
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	2.3	W22990301	088/002444
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	3.3	W22990402	088/002445
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	4.2	W22990403	088/002446
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	7.8	W22990806	088/002454
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	10.0	W22991007	088/002456
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	12.0	W22991211	-
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	15.0	W22991508	088/002455
Double Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	4	25.0	W22992512	-
SIGNALLING CABLE WITH MOULDED TERMINATION								
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	12	5	W22950501	088/002443
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	12	10	W22951002	088/002442
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	12	15	W22951503	088/002441
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	12	20	W22952004	088/002440
LEVEL CROSSING TREADLE LEADS								
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	7	3	W22970301	088/044108
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	7	4.5	W22970502	088/044109
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	7	6.5	W22970703	088/044110
Single Ended Moulding	2.5	C2 Neoprene	50/0.25	Black	7	8	W22970804	088/044111
With SILEC Connector	1	-	-	Black	6	3	W22980302	086/044104
With SILEC Connector	1	-	-	Black	6	4.5	W22980503	086/044105
With SILEC Connector	1	-	-	Black	6	6.5	W22980704	086/044106
With SILEC Connector	1	-	-	Black	6	8	W22980805	086/044107

POINTS HEATING BLOCK WITH MOULDED IN CABLE - FOR STRIP HEATING

Description	Conductor CSA (mm ²)	Cores	Ways	Lead Length (m)	Prysmian Part No.	PADS Cat. Number
Adapter, unfused	-	-	-	-	W91460001	055/025926
Adapter, fused	-	-	-	-	W91450001	055/025927
Blanking cap for sockets	-	-	-	-	W91480001	055/025991
Plastic spacer bush for securing outlets (Min 100)	-	-	-	-	W49990002	055/022001
Retaining clip, back to back harnesses	-	-	-	-	385AA06	055/005320
Retaining clip, heater lead	-	-	-	-	385AA02	065/051510

POINTS HEATING HARNESS SYSTEM FOR PAD & CARTRIDGE HEATING

Harness with plug and rewirable socket	1.5	8	4	3.6	W90920404	055/026969
Harness with plug and rewirable socket	1.5	8	5	4.4	W90920405	055/026968
Harness with plug and rewirable socket	1.5	8	6	4.4	W90920506	055/026967
Harness with plug and rewirable socket	1.5	8	7	5.8	W90920607	055/026966
Harness with plug and rewirable socket	1.5	8	8	6.6	W90920708	055/026965
Harness with plug and rewirable socket	1.5	8	9	7.3	W90920709	055/026964
Harness with plug and rewirable socket	1.5	8	10	8.3	W90920810	055/026963
Harness with plug and rewirable socket	1.5	8	11	8.8	W90920911	055/026971
Harness with plug and rewirable socket	1.5	8	12	9.8	W90921012	055/026972
Harness with free end*	1.5	8	4	3.5	W91250404	055/026976
Harness with free end*	1.5	8	5	4.3	W91250405	055/026977
Harness with free end*	1.5	8	6	5	W91250506	055/026978
Harness with free end*	1.5	8	7	5.8	W91250607	055/026974
Harness with free end*	1.5	8	8	6.5	W91250708	055/026979
Harness with free end*	1.5	8	9	7.2	W91250709	055/026975
Harness with free end*	1.5	8	10	8	W91250810	055/026980
Harness with free end*	1.5	8	11	8.7	W91250911	055/027034
Harness with free end*	1.5	8	12	9.4	W91250912	055/026998
Harness with free end	6	2	4	3.7	W91470404	055/027036
Harness with free end	6	2	5	4.5	W91470405	055/027037
Harness with free end	6	2	6	5.3	W91470506	055/027038
Harness with free end	6	2	7	6.1	W91470607	055/027039
Harness with free end	6	2	8	6.8	W91470708	055/027040
Harness with free end	6	2	9	7.6	W91470809	055/027041
Harness with free end	6	2	10	8.3	W91470810	055/027042
Harness with free end	6	2	11	9.1	W91470911	055/027043
Harness with free end	6	2	12	9.8	W91471012	055/027044

POINTS HEATING BLOCK SYSTEM FOR STRIP HEATING

Heating block complete with all fastenings and cover plate (aka clamplock heater block)	1.5	4	2		W91530001	055/088726
Heating block complete with all fastenings, cover plate and z-bracket	1.5	8	4		W91540001	055/027679
Heating block complete with all fastenings, cover plate and z-bracket	1.5	8	8		W91550002	055/027677
Points heating block complete with all fastenings, cover plate and z-bracket	4	8	4		W91540002	055/027676
Heating block complete with all fastenings, cover plate and z-bracket	4	8	8		W91550001	055/027678
Points heating extension lead for 2 core heater cable 0.5m long	1.5	2	-	0.5	W40200101	055/027591
Points heating spare z-bracket for 4 way blocks	-	-	-	-	W49990022	055/039619
Points heating rewirable plug kit, to suit 2 core heater cable (4 plugs per kit)	-	-	-	-	W91440001	055/051313

* Non Preferred Solution

POINTS HEATING CABLE						
Description	Conductor CSA (mm ²)	Cores	Ways	Lead Length (m)	Prysmian Part Number	PADS Cat. Number
Points heating cable EPR/PCP	1.5	4		100	F105 81952 0	006/150002
Points heating cable EPR/PCP	1.5	8		100	F105 81953 0	006/153102
Points heating cable EPR/PCP	4	8		100	F105 81954 0	006/153103
POINTS HEATING BLOCK WITH MOULDED IN CABLE, FOR STRIP HEATING						
Points heating block moulded in cable	1.5	8	4	3	4WB-1.5-03	-
Points heating block moulded in cable	1.5	8	4	7	4WB-1.5-07	-
Points heating block moulded in cable	1.5	8	4	8	4WB-1.5-08	-
Points heating block moulded in cable	1.5	8	4	10	4WB-1.5-10	-
Points heating block moulded in cable	1.5	8	4	12	4WB-1.5-12	-
Points heating block moulded in cable	1.5	8	4	17	4WB-1.5-17	-
Points heating block moulded in cable	1.5	8	4	22	4WB-1.5-22	-
Points heating block moulded in cable	1.5	8	4	27	4WB-1.5-27	-
Points heating block moulded in cable	1.5	8	4	32	4WB-1.5-32	-
Points heating block moulded in cable	1.5	8	4	55	4WB-1.5-55	-
Points heating block moulded in cable	4	8	4	7	4WB-4.0-07	-
Points heating block moulded in cable	4	8	4	12	4WB-4.0-12	-
Points heating block moulded in cable	4	8	4	17	4WB-4.0-17	-
Points heating block moulded in cable	4	8	4	22	4WB-4.0-22	-
Points heating block moulded in cable	4	8	4	27	4WB-4.0-27	-
Points heating block moulded in cable	4	8	4	32	4WB-4.0-32	-
Points heating block moulded in cable	4	8	4	37	4WB-4.0-37	-
Points heating block moulded in cable	4	8	4	42	4WB-4.0-42	-
Points heating block moulded in cable	4	8	4	47	4WB-4.0-47	-
Points heating block moulded in cable	1.5	8	8	7	8WB-1.5-07	-
Points heating block moulded in cable	1.5	8	8	10	8WB-1.5-10	-
Points heating block moulded in cable	1.5	8	8	12	8WB-1.5-12	-
Points heating block moulded in cable	1.5	8	8	17	8WB-1.5-17	-
Points heating block moulded in cable	1.5	8	8	22	8WB-1.5-22	-
Points heating block moulded in cable	1.5	8	8	27	8WB-1.5-27	-
Points heating block moulded in cable	1.5	8	8	32	8WB-1.5-32	-
Points heating block moulded in cable	4	8	8	7	8WB-4.0-07	-
Points heating block moulded in cable	4	8	8	12	8WB-4.0-12	-
Points heating block moulded in cable	4	8	8	17	8WB-4.0-17	-
Points heating block moulded in cable	4	8	8	22	8WB-4.0-22	-
Points heating block moulded in cable	4	8	8	27	8WB-4.0-27	-
Points heating block moulded in cable	4	8	8	32	8WB-4.0-32	-
Points heating block moulded in cable	4	8	8	37	8WB-4.0-37	-
Points heating block moulded in cable	4	8	8	45	8WB-4.0-45	-
Points heating block moulded in cable	4	8	8	55	8WB-4.0-55	-

POINTS HEATING