

Leitungen nach ausländischen Normen / Cables according to foreign standards

BS 5308 SWA mit Stahldrahtarmierung

Auch halogenfrei erhältlich
Also available halogen free



Verwendung:

Für die analoge oder digitale Datenübertragung bei der Mess- und Prozesssteuerung. Diese Kommunikationskabel sind optimal für den Einsatz in Umgebungen mit chemischer Belastung.
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Aufbau:

- mit Stahldrahtarmierung
- Außenmantel aus PVC
- Biegeradius 10 x Ø
- Innenmantel: PE

Technische Daten:

Leiter Werkstoff	Kupfer, blank
Leiterklasse	Klasse 2 oder 5
Aderisolationwerkstoff	Part 1: PE Part 2: PVC
Aderkennung	
Verseilung	Zwei Leiter miteinander verseilt
Außenmantelwerkstoff	PVC
Mantelfarbe	Blau oder schwarz
Nennspannung [V]	300 / 500
Prüfspannung [V]	
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	
kleinster Biegeradius bewegt [xd]	6 x d
Betriebstemp. fest min/max [C]	-30°C bis +70
Betriebstemp. bew. min/mac [C]	-5°C bis +50
Temperatur am Leiter max.	
Brandverhalten	IEC 60332-3: Flammwidrig
Normen	BS5308 Part 1, Insulated cables, instrumentation, PE BS6234: Specification for polyethylene insulation and sheath of electric cables BS EN 60332-3-Cat C

Application:

These cables are used to transmit analogue or digital signals in measurement and process control. They can be used where chemicals may be present.
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Construction:

- Steel wire armoured
- outer sheath made of PVC
- Bending radius 10 x Ø
- Bedding: PE

Technical Data:

Conductor Material	Copper, bare
Conductor class	Class 2 or 5
core insulation	Part 1: PE Part 2: PVC
core identification	*
stranding	Two conductors twisted together
outer sheath	PVC
sheath colour	Blue or black
rated voltage [V]	300 / 500
testing voltage [V]	*
conductor resistance	*
insulation resistance	*
current carrying capacity	*
min. bending radius fixed [xd]	*
min. bending radius moved [xd]	6 x d
working temp fixed min/max [C]	-30°C up to +70
working temp moved min/mac [C]	-5°C up to +50
temp at conductor max.	*
burning behaviour	IEC 60332-3: flame-retardant
Approvals	BS5308 Part 1, Insulated cables, instrumentation, PE BS6234: Specification for polyethylene insulation and sheath of electric cables BS EN 60332-3-Cat C

Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
PT2	1 x 3 x 0.50	11.00	1.44	25.90
PT2	1 x 2 x 0.50	10.80	0.96	24.20
PT1	1 x 3 x 0.75	11.40	2.16	28.80
PT1	1 x 2 x 0.75	11.10	1.44	27.00
PT1	1 x 3 x 0.50	11.00	1.44	25.90
PT1	1 x 2 x 0.50	10.80	0.96	24.20
PT2	1 x 2 x 0.75	11.10	1.44	27.00
PT2	1 x 3 x 0.75	11.40	2.16	28.80
	1 x 2 x 1	11.80	0.00	23.00
PT1	1 x 3 x 1.50	12.60	4.30	35.70
PT1	1 x 2 x 1.50	12.30	2.88	31.20
PT2	1 x 2 x 1.50	12.30	2.88	31.20
PT2	1 x 3 x 1.50	12.60	4.32	35.70
PT1	1 x 3 x 2.50	13.70	7.20	40.70
PT1	1 x 2 x 2.50	13.10	4.80	39.50
PT2	1 x 2 x 2.50	13.10	4.80	39.50
PT2	1 x 3 x 2.50	13.70	7.20	40.70
PT2	2 x 2 x 0.50	11.70	1.92	28.80
PT1	2 x 2 x 0.75	12.30	2.88	33.00
PT1	2 x 2 x 0.50	11.70	1.92	28.80
PT2	2 x 2 x 0.75	12.30	2.88	33.00
	2 x 2 x 1	13.00	0.00	28.00
PT1	2 x 2 x 1.50	13.70	5.80	39.70
PT2	2 x 2 x 1.50	13.70	5.80	39.70
PT1	2 x 2 x 2.50	15.90	9.60	49.00
PT2	2 x 2 x 2.50	15.90	9.60	49.00
PT2	5 x 2 x 0.50	17.30	4.80	53.50
PT1	5 x 2 x 0.75	19.20	7.20	71.90
PT1	5 x 2 x 0.50	17.30	4.80	53.50
PT2	5 x 2 x 0.75	19.20	7.20	71.90
	5 x 2 x 1	19.70	0.00	69.00
PT1	5 x 2 x 1.50	21.50	14.40	91.80
PT2	5 x 2 x 1.50	21.50	14.40	91.80
PT1	5 x 2 x 2.50	26.50	24.00	143.00
PT2	5 x 2 x 2.50	26.50	24.00	143.00
PT2	10 x 2 x 0.50	22.30	9.60	86.80

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
PT1	10 x 2 x 0.75	24.70	14.40	115.00
PT1	10 x 2 x 0.50	22.30	9.60	86.80
PT2	10 x 2 x 0.75	24.70	14.40	115.00
	10 x 2 x 1	24.30	0.00	98.00
PT1	10 x 2 x 1.50	27.80	28.80	160.00
PT2	10 x 2 x 1.50	27.80	28.80	146.60
PT1	10 x 2 x 2.50	35.10	48.00	223.50
PT2	10 x 2 x 2.50	35.10	48.00	223.50
	15 x 2 x 1	28.10	0.00	137.00
	15 x 2 x 0.50	26.40	0.00	116.00
	15 x 2 x 0.75	28.20	0.00	131.00
	15 x 2 x 1.50	32.20	0.00	185.00
PT2	20 x 2 x 0.50	28.50	19.20	146.60
PT1	20 x 2 x 0.75	30.70	28.80	170.00
PT1	20 x 2 x 0.50	28.50	19.20	146.60
PT2	20 x 2 x 0.75	30.70	28.80	170.00
	20 x 2 x 1	31.20	0.00	167.00
PT1	20 x 2 x 1.50	35.10	57.60	251.90
PT2	20 x 2 x 1.50	35.10	57.60	251.90
PT1	20 x 2 x 2.50	46.70	96.00	393.50
PT2	20 x 2 x 2.50	46.70	96.00	393.50
PT2	30 x 2 x 0.50	33.30	28.80	194.40
PT1	30 x 2 x 0.75	36.90	43.20	257.00
PT1	30 x 2 x 0.50	33.30	28.80	194.40
PT2	30 x 2 x 0.75	36.90	43.20	257.00
	30 x 2 x 1	36.20	0.00	216.00
PT1	30 x 2 x 1.50	41.90	86.40	335.20
PT2	30 x 2 x 1.50	41.90	86.40	335.20
PT2	50 x 2 x 0.50	41.50	48.00	336.00
PT1	50 x 2 x 0.75	46.40	72.00	440.00
PT1	50 x 2 x 0.50	41.50	48.00	336.00
PT2	50 x 2 x 0.75	46.40	72.00	440.00
	50 x 2 x 1	45.70	0.00	344.00
PT1	50 x 2 x 1.50	53.40	144.00	531.00
PT2	50 x 2 x 1.50	53.40	144.00	531.00

Kontakt: