# Bus-Capable Optical Data Transmission 

 DDLS 200echnical Description Ethernet - M12 Connection


Satety Notices A Leuze electronic

## Safety Notice


1.2 Intended use






- roialiven yongensisisiones





${ }_{2}$ Technical Data


### 2.1 General technical data




Technical Data
22 Dimensoned dr


## Leuze electronic




 Mourt each dovice wint 4 sceaves $5.5 m$ wing 40

## $\xrightarrow{2}$ <br> Figure $3: 1$ Mouning ne e evives


$\qquad$
3.3 Electrical comnection










Figure 3.3.Location and dessingation ot the m12 comnections

Mounting/ Instalation (all device models) \& Leuze electronic
3.2 Arrangement of adiacent transmission systems


Mounting / Installation (all device models) \& Leuze electronic








\& Leuze electronic
Mounting / Instalation (all device models)



figure 35. .ocotion of stmich 51
Switching output
The onis soois seup


## 




Ethernet
Ethernet

$\qquad$
Leuze electronic
4.2 Etherene connection - devicess with M12 connectors



4.4 Wring

 DOLS 200 between switchhub and terminaulPLC





M12 plug, D.coded to R.J45 - "Cososover"

| Signal | Function | Core colur | Pinm12 |  | Pin R.as |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Treareme | vellow | $\pm \substack{1 / \text { Tot } \\ 3 / 1 \text { T0. }}$ | $\stackrel{ }{+}$ | ${ }_{\text {ctin }}^{3 / \mathrm{Rot}}$ |
| $\stackrel{\text { To. }}{\text { Tot }}$ | Trassmit oala- | crange | $\xrightarrow{3 / \mathrm{D} .}$ | $\stackrel{+}{4}$ | ¢, |
| $\stackrel{\text { Rot }}{\text { Rot }}$ | Reame |  | ${ }_{\text {L }}^{2 / 1 / \mathrm{RO}+}$ |  | ${ }_{\text {2 }}^{1 / 700}$ |

4.5 LeD Indicatoros Ethernet



[^0]Etherne
Device configuration Etherne
3.1 Autonegotiation (Nw



4.3.2 Transmission rate conversion










Ethernet \& Leuze electronic
DDLS 20 betwen terminalPLC and terminalPLCL


## 4. 1 Assignment of the 12 Etherene cables


$\underset{\substack{\text { Forntrine } \\ \text { cabes. }}}{ }$


Leuze electronic Commissioning / Operation (all device models)

### 5.2 Operating modes The of olownig atabe porowides a



Changing the operating mode








## Commissioning/ Operation (all device models)

5.3 Intial coommissioning

Sitch on device flunction heock















## ALeuze electronic



A Leuze electronic
5.4 Operation




5.5 Maintenancecclianin

(1) ${ }^{2}$ into@leuze.de • www.leuze.com
$\qquad$ A Leuze electronic
6 Troubleshooting (Fax templaie, please enalage

| Geneal | Check alignment, tension spring elements of the adjustment plate Clean inlet/outlet glass Check wiring |
| :---: | :---: |
| PWR - LEE doos not Itu | Johe |
| PWR-LED Ihashes | ${ }^{\circ} \mathrm{Chem}$ |
| ADJ. LED Hashes | $\square \mathrm{T}$ seed |
|  |  |
|  | ned |
|  |  |



[^1]
[^0]:    

[^1]:    ## 

    

